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62.27

Cole's Superb Sweet Peas
5¢

Cole's 1913

Garden Annual

U.S. Department of Agriculture,
Washington, D. C.

Cole's Superb Nasturtiums
10¢

Pella, Iowa.

STECHER CO. ROCHESTER, N.Y.

Garden and Flower Seed Collections

For the convenience of customers who prefer to leave the selection of varieties to us, we put up **Special Vegetable and Flower Seed Collections** for the family garden. They give to our customers a good assortment, best adapted to produce a continual succession of the most useful kinds throughout the year. The exceedingly low price we offer these at, and the great demand for them, we have these collections already prepared and ready for mailing, after addressing and stamping the package. **No discount on these collections. We cannot permit any change to be made,** and reserve the right to substitute other varieties equally as good, should we run out of stock late in season.

For 50 cents we send, prepaid, Vegetable Seed Collection "B," containing 17 packets, one each of:

BEANS, Improved Golden Wax
BEETS, Egyptian Turnip
CARROT, Early Horn
CABBAGE, Early Wakefield
CELERY, White Plume
CORN, Mammoth Cory
CUCUMBER, Davis' Perfect
LETTUCE, Black Seeded Simpson
MUSK MELON, Burrell Gem
WATER MELON, Peerless
ONIONS, Red Wethersfield
PARSNIPS, Improved Guernsey
PEAS, Little Gem
RADISH, Early French Breakfast
SQUASH, Hubbard
TOMATO, Matchless
TURNIP, Red-Top, Strap Leaved

For $1.00 we send, prepaid, Vegetable Seed Collection "C," containing 35 packets, one each of:

BEANS, Improved Golden Wax
BEANS, Early Valentine
BEET, Early Egyptian
BEET, Early Blood Turnip
CARROT, Oxheart
CABBAGE, Early Wakefield
CABBAGE, Premium Flat Dutch
CELERY, White Plume
CORN, First of All
CORN, Early Evergreen
CUCUMBER, Early Cluster
CUCUMBER, Chicago Pickling
LETTUCE, Early Simpson
LETTUCE, Salamander
MUSK MELON, Early Hackensack
WATER MELON, Peerless
ONION, Red Wethersfield
ONION, White Portugal
PARSNIP, Improved Guernsey
PARSLEY, Fern Leaved
PEAS, Nott's Excelsior
PEAS, Bliss' Everbearing
PEPPER, Large Bell
PUMPKIN, Large Cheese
RADISH, French Breakfast
RADISH, Long Bright Scarlet
SALSIFY, Sandwich Islands
SQUASH, Giant Summer Crookneck
SQUASH, Hubbard
TOMATO, Sparks' Earliana
TOMATO, the Stone
TURNIP, Red Top, Strap Leaved
RUTABAGA, Improved American
HERBS, Summer Savory
FLOWERS, Wild Garden Mixture

For 50 cents we send, prepaid, Flower Seed Collection No. 2, containing 17 packets, one each of:

SWEET ALYSSUM
ASTER, Double Mixed
CANDYTUFT, Fine Mixed
CALLIOPSIS, Mixed Colors
DIANTHUS, Mixed Varieties
ESCHOLTZIA, Fine Mixed
LARKSPUR, Double Mixed
SWEET MIGNONETTE
NASTURTIUM, Dwarf Mixed
PANSY, Finest Mixed
PETUNIA, Mixed Colors
PHLOX, Splendid Mixed
POPPY, Double Mixed
SCABIOSA, Dwarf Mixed
VERBENA, Fine Mixed
ZINNIA, Double Mixed
SWEET PEAS, Mixed Colors

For $1.00 we send, postpaid, Flower Seed Collection No. 3, containing 35 packets, one each of:

SWEET ALYSSUM
AGERATUM, Fine Mixed
ANTIRRHINUM, Mixed Colors
ASTER, Double Mixed
BALSAM, Double Mixed
BRACHYCOME, Fine Mixed
CENTAUREA CYANUS
CANDYTUFT, Fine Mixed
CALLIOPSIS, Mixed Colors
CHRYSANTHEMUM, Mixed
DIANTHUS, Mixed Varieties
ESCHOLTZIA, Fine Mixed
GAILLARDIA, Mixed Colors
LARKSPUR, Double Mixed
MARIGOLD, Double African
SWEET MIGNONETTE
NASTURTIUM, Dwarf Mixed
NEMOPHILA, Fine Mixed
PANSY, Finest Mixed
PETUNIA, Mixed Colors
PHLOX, Splendid Mixed
POPPY, Double Mixed
PORTULACA, Mixed Colors
SALPIGLOSSIS, Mixed Colors
SALVIA, Cocinea
SCABIOSA, Dwarf Mixed
STOCK, Dwarf German
NICOTIANA AFFINIS
VERBENA, Fine Mixed
ZINNIA, Double Mixed
CYPRESS VINE, Mixed Colors
SWEET PEAS, Mixed Colors
MIXED EVERLASTING FLOWERS
SWEET WILLIAM, Single Mixed
WILD FLOWER GARDEN

FREE

We offer the following as an inducement to secure an order from every one who receives a copy of this Catalogue. For an order of 50 cents worth of seed you can select **one packet extra.** For an order of $1.00 select **two packets extra** from the following list of novelties:

Cabbage, Glory of Enkhousen
Lettuce, Immensity
Water Melon Tom Watson
Onion, Ailsa Craig
Musk Melon, Japan Yellow
Sweet Corn, W. Mexican
Radish, Cooper's Sparkler
Tomato, Early June
Pansy, Imperial German
Nasturtium, Cole's Superb Mixed
Aster, Violet King
Aster, Peerless Pink

To Our Customers and Friends

We take this opportunity of thanking our many customers for their generous patronage in the past and we hope to be favored with a continuance of the same.

We mail you a copy of our **NEW GARDEN ANNUAL** for 1913 and will be glad to hear from you again and also your friends at any time with an order for our **CHOICE PEDIGREE SEEDS.** We pledge our best efforts to maintain the highest quality in everything we sell.

Our motto is "satisfaction to everyone," so if customers have any cause for complaint we hope they will notify us at once.

We like to have our Catalogue in the hands of every person that expects to buy seeds. We will appreciate the courtesy if our customers will send the addresses of their neighbors that may want good tested seeds, and will return the favor by sending some extra packets of seed.

We can assure our customers that we will use our best efforts to furnish them with the choicest Seeds than can be grown. We know that planters of Seeds buy them entirely on confidence and we try to hold the confidence of our patrons, by furnishing them reliable pedigree Seeds. If you have never used our Seeds, **try them this year.** Good Seeds like drugs require knowledge and care to handle them.

Look over our Catalogue carefully, it is plain and straightforward, we offer nothing but what is good and leave out the impossible things with high sounding names, nor do like many dealers to prefix their name to most varieties with an increase in price for such.

SEED CROP.—Crops on an average are good of most items in the seed line and prices are down to a normal basis.

TESTED SEEDS.—Our Seeds are all tested as to vitality, and none are sent out from our establishment until we are satisfied that they are absolutely of the best quality and of the highest germinating power, and are certain to grow under favorable conditions and planted at the right time. With bad weather and careless planting the very best Seeds may fail to grow and no seedsman is to blame for this. If any fail to grow when properly tested, we stand ready to replace the same or give value in other Seeds.

WARRANTY.—Failure of Seeds to produce a good crop is dependent upon so many causes, as every experienced cultivator well knows, that the utmost care with the seeds and planting cannot control it, and the maturing of a crop also sometimes fails from causes that no human power can control. We know that the seeds we offer are unsurpassed in quality, yet with our practical experience of many years as growers we find that crops sometimes fail no matter how good the seed. Hence to guarantee seed to invariably produce a perfect crop would be sheer folly. Under all these circumstances, while we exercise the greatest care to have all seed pure and reliable, we give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds or bulbs we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

MARKET GARDENERS AND DEALERS who buy seeds in bulk and in large quantities are requested to send for our Wholesale Price List.

OUR RESPONSIBILITY.—As this Catalogue will go into the hands of many who have never dealt with us, we kindly ask for a trial order from you, which shall have our best attention. As to our standing, we refer you to the Pella National Bank, to the Postmaster, or to the Express Agent.

In conclusion we tender you our thanks for past favors, and trust to hear from many of our customers. Wishing you a prosperous and Happy New Year, we remain,

Yours respectfully,

COLE'S SEED STORE

PELLA, IOWA, January 1, 1913 **E. M. COLE, Proprietor**

In ordering be sure to sign name and address in full.

ORDER SHEET

FROM

COLE'S SEED STORE.

FLOWER seeds.

VEGETABLE seeds.

"ONLY THE BEST."

109 SO. MAIN STREET, PELLA, IOWA.

Name .....

Post Office .....

Express Office (If different from P. O.) .....

County .....

State .....

AMOUNT ENCLOSED.

P. O. Order - - $.....

Express Order - $.....

Draft - - - $.....

Stamps - - $.....

Cash - - $.....

Total - - $.....

Date ..... 19.....

QUANTITY.	NAME OF SEEDS WANTED.	PRICE.

SUGGESTIONS TO BUYERS

HOW TO ORDER.—Always use order sheet and printed envelope sent with each **Catalogue.** Write plainly; keep a copy of your order. Do not order C. O. D., as it is an unnecessary expense to customers, as cost of collecting is added to all bills.

REMITTING MONEY.—Cash should always accompany the order. Remittances may be made at our risk by either of the following methods: (1) **Postoffice Money Orders;** (2) **Express Companies' Money Orders;** (3) **Draft on New York or Chciago;** (4) **Registered Letters.** Money sent by either method is absolutetly safe, and will cost from three to fifteen cents. We will bear the expense of sending money in either of these ways, and customers may select **additional seeds free** to the amount of cost of remittance.

STAMPS received same as cash for small orders, or when notes are not obtainable, and they must be **clean** and in **good condition,** but will not be responsible for sums of **One Dollar** or over sent in this manner.

POSTAGE PAID.—We deliver free, to any Postoffice or Express Office in the United States, all seeds quoted by the **Packet, Pound, Ounce, Pint, or Quart.** Seeds offered by the **Peck, Bushel,** or in 5, 10 or 100 lb. lots, purchasers have to pay **Express or Freight** charges.

SHIPPING INSTRUCTIONS.—When goods are to be shipped by **Freight or Express** give plain shipping directions; otherwise we use our best judgment in regard to the matter.

PREPAID RAILROAD STATIONS.—Customers who live at such points where there is no agent should send enough money to prepay freight charges, when too much is sent will return balance. Else will have to send to nearest station where there is an agent.

NAME AND ADDRESS.—In sending an order please be particular in giving **Name, Postoffice, County and State,** in full, **distinctly written.** We are often in receipt of orders from customers who not only forget to sign their names, but also their place of residence, thus causing a delay of weeks in the execution of their orders. Write your orders plainly, separate from the body of the letter.

SAFE ARRIVAL OF PACKAGES.—We guarantee the safe arrival of packages of seeds and bulbs, in good condition in every case. If the package is injured or lost we will replace it as soon as informed of the fact. Sometimes it happens that orders never reach us. When customers fail to receive their seeds or bulbs in a reasonable time, they should inform us, and at the same time send a duplicate copy of their order, which can be filled at once, and save much delay.

MISTAKES.—We take utmost care in filling orders, still errors will happen in spite of all care. Write us at once with a copy of the original order if possible, and mistakes will be promptly rectified. Please do not return goods until you hear from us.

CHANGE OF ADDRESS.—If you have changed, or intend to change your address, please let us know, so that we may change it on our books.

ORDER EARLY.—It would greatly facilitate shipment if our customers would send in as many orders as possible during the month of February, because our stock is then complete and ready for mailing, and you will be sure to get what you send for; and what is more important to you, the seeds will be at hand for planting just when you want them.

SOUTHERN ORDERS.—Customers in the South, who in some cases need their seeds before our new catalogue is out, can always order from the old catalogue, and will have orders carefully filled at as low prices as are ruling at the time.

PACKET SEED DISCOUNT.—As an inducement to our customers to get their neighbors and friends to club with them in sending their orders, we offer the following liberal premiums on **Seeds in Packets only,** and at **Catalogue** prices:

For $1.00 selected packets to the value of..$1.25	For $4.00 selected packets to the value of..$5.15
For 2.00 selected packets to the value of.. 2.50	For 5.00 selected packets to the value of.. 6.50
For 3.00 selected packets to the value of.. 3.80	For 10.00 selected packets to the value of..14.00

The above rates apply only to **Seeds** by the **Packet,** and are not allowed on seed by the **ounce, pound, pint, or quart.**

ADDRESS all correspondence, and make **all P. O. and Express Money Orders** payable to

COLE'S SEED STORE, Pella, Iowa

Hill H. Tracy. Sr.

NOVELTIES AND SPECIALTIES

FOR 1913

As is customary with most seedsmen to list the Novelties and Varieties of special merit in a separate department, we devote a few pages to the new things in Vegetable and Flower Seeds.

This department is usually the most interesting to customers, as a good gardener likes to test and carefully note the development of a new variety, that may prove distinct and better than the old favorites amongst the standard varieties.

Most varieties have been carefully tested in our trials, or obtained from such reliable sources that we can recommend them as worthy of a trial by our patrons and we feel sure that they will give satisfaction.

One pkt. each of tha 29 varieties of New Vegetables listed on the pink novelty sheet, for $1.40 *net, retail price* $1.87.

Asparagus---Bonvallet's Giant

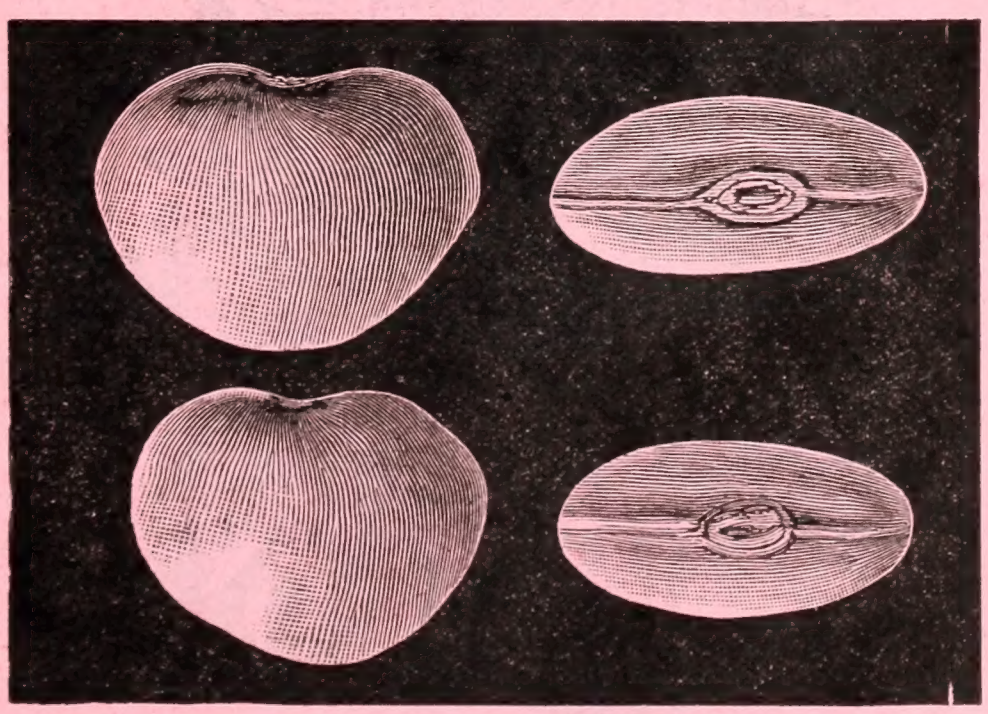
A novelty of which the introducer says: This variety is the quickest yielding, heaviest producing, finest quality and most disease-resisting of any variety now sold in America. Most of the large growers of Asperagus around Chicago are now discarding all other varieties for Bonvallet's, because it is free from disease, grows larger and faster than the other varieties. Its favorable points are rust resistant, earliness, high productive power and lasting qualities.

Price per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

Fordhook Bush Lima Bean

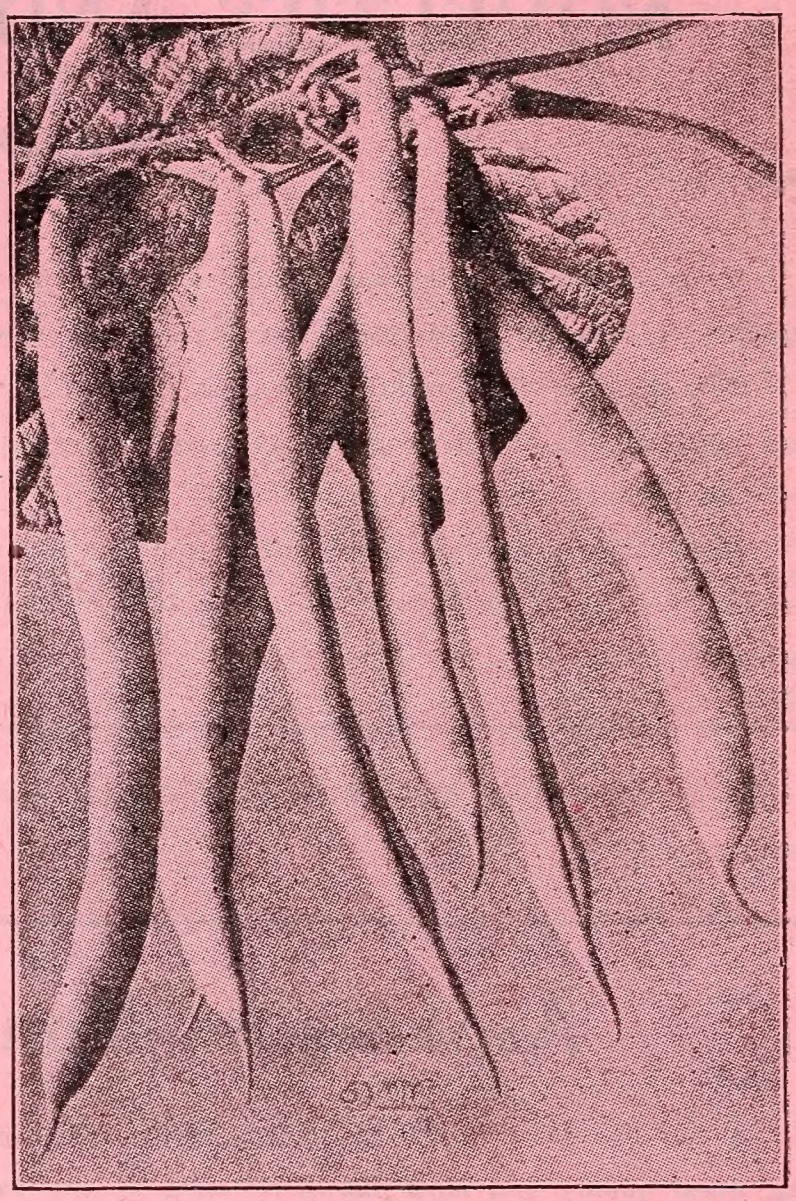
The Fordhook Bush Lima is altogether unique, being an improved erect bush form of the popular "Potato Lima." Mr. Burpee, the introducer, says: Nothing like it has ever been seen before. Of strong, erect, true bush like growth (never prostrate or running), the bushes average 20 to 30 inches in height by 20 to 24 inches across the top. The foliage is of heavy texture and very dark green in color.

The stalks that produce the blossoms are thrown out from the lateral and main stalk; the pods are borne in "clusters" of from four to eight. The pods resemble those of the Dreers Bush Lima, but average more than double the size, measuring from four to five inches long, about one and a quarter inches wide. The pods contain three to five large beans with an average of four. In the illustration you will note the extreme size and thickness of the beans.



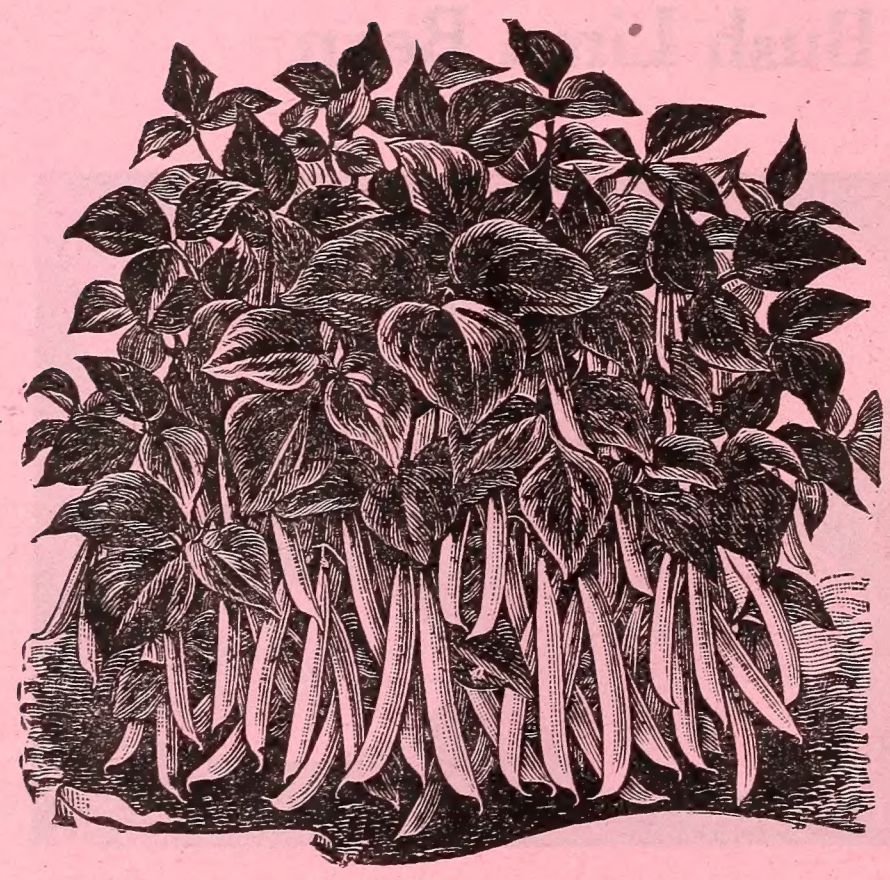
Price per pkt. 10 cts., 2 pkts. 15 cts., ½ pt. 20 cts., pt. 35 cts., qt. 65 cts.

Monster Stringless Wax Bean



Mr. Vaughan, the introducer of this splendid variety, says: The Monster Stringless Wax has no superior as to quality and flavor. It is so stringless and tender that it can be used on the table up to the time the bean is almost ripe. Its color is a light handsome yellow, a color which it assumes almost from its setting. In size it is the largest of all Bush Beans; about half an inch thick and 5 to 8 inches in lenghth. In addition to its superior quality and size, Monster Stringless Wax is early being within a couple of days of other popular early sorts. It matures its beans evenly and well together. As to location this variety does its best on the rich prairie soils of the West. This strain shows up well at exhibitions where its superiority can be seen by comparison. It is unsurpassed for private gardens. Price per pkt. 10 cts., ½ pt. 20 cts., qt. 60 cts., pk. $2.50.

New Hodson Wax Bean



This distinct new type of bean is remarkable for its great size of plant and pod and wonderful productiveness. It will outyield any other bush bean. A very sturdy grower, and so far it has proven to be entirely free from rust and blight. Comes about two weeks later than the earliest dwarf beans. Plants are loaded with long, handsome, straight pods, averaging seven inches in length, and of a waxy cream-yellow.

When picked young they are stringless, when fully mature they have a slight string. It is distinctly a market gardener's bean, as a main crop variety, on account of its great vigor and freedom from diseases. The plant should be at least thinned out to 6 inches apart in the row.

Price per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 45 cts., pk. $1.75.

New Beet
The Fireball

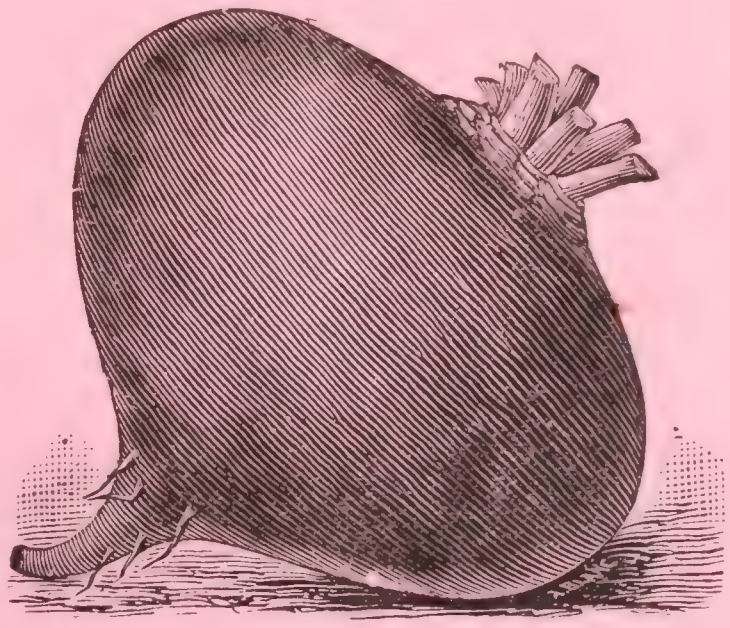
Mr. Vaughan, the introducer, says: This new beet is perfectly globe shaped, extra early in season and earlier than Crosby's. The skin is smooth, the flesh is solid with a very sweet flavor, and of a bright intense red color. The tap root is tiny and the leaf stalks are quite small, making it valuable for early and late sowing in frames. It is also very desirable in the open ground where it retains its fresh table qualities better than most beets. In home gardens it is absolutely without a superior. We believe this variety will prove one of the most popular beets introduced in years.

Price per pkt. 5 cts., oz. 10 cts., ¼ lb. 35 cts., lb. $1.25.

Early Model Beet

This splendid variety has attained perfection for table use. This is indeed a model variety, and will be highly appreciated both for forcing and growing outside. It is a medium early variety. The roots are of good size and run uniformly perfect, almost round, with small dark crimson leaves, and a slim tap root. In quality and color it is peerless, very fine grained, tender and sweet, never woody or stringy. Color of flesh deep rich blood crimson, equaling that of the best long Beets.

Price per pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. $1.25.



Have had good results from your seeds in the past, so have induced my neighbors to order from you this year, as you will notice from the many orders you receive from our place.—Mrs. M. H. Nolan, Frontier Co., Neb.

CRIMSON GLOBE BEET

This is a most valuable introduction. It is a very early variety, skin smooth and it is as handsome a beet as you can find. The root is not large, averaging about 3 inches in diameter. The leaves are quite small with slender stems. There is no variety where richness of color in both top and roots is so beautifully combined as in this sort. Color of flesh rich deep red shading to purple, is fine grained and flavor cannot be surpassed. Judges appear to be unanimous as to its excellent quality and as a superior market beet. Price per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. $1.00.

New Cabbage

COPENHAGEN MARKET

This new early ball-shaped Cabbage has attracted the attention of the entire trade, and is unrivaled as the most equally maturing and large heading early cabbage in existence.

The heads are round, remarkably solid, of exceptionally fine quality with small cores, with an average weight of about 8 to 10 pounds. It is about a week later in maturing than the Jersey Wakefield.

The plant is of vigorous habit but compact, with short stem and few outer leaves. For its earliness, compact growth, uniformity and size of head, firmness and most excellent quality combines to make Copenhagen Market the most valuable cabbage of recent introduction. It can be recommended both for the home and market gardening trade.

Price per pkt. 10 cts., ½ oz. 25 cts., oz. 50 cts., ¼ lb. $1.50.

GLORY ON ENKHOUSEN

The originators of this New Holland variety say. This cabbage will produce double the crop of any other early variety. In season, it is one of the earliest of the flat head sort, size medium, but very firm and solid, a most desirable sort for home and market use; the flavor is good, the leaves being very fine ribbed. On account of its solidity this variety keeps much longer than the ordinary early kinds. Once known it will hold its own with the market gardeners and home grower alike.

Price per pkt. 10 cts., 2 pkts. 15 cts., oz. 30 cts., ¼ lb. $1.00.

BLUE HUBBARD SQUASH

This is something new in Squashes. Sent out last season by Gregory & Son; they are experts on squashes, and every time a new variety is sent out by them it is a little better in quality than the former one. Mr. Symmes, the originator, obtained it by careful selection from the Hubbard, on which he has been working for several years. It is of a light blue color, resembling the Warted Hubbard in shape, though excelling this variety in flavor and dryness, and surpasses all other varieties in productiveness. The introducers say this is our ninth introduction and our best. It is also a good keeper and will keep longer after being cut open than most varieties without showing mold.

Price per pkt. 10 cts., 2 pkts. 15 cts., oz. 25 cts., ¼ lb. 75 cts.

NEW SWEET CORN

No wonder this man looks happy. He is sure of the first Sweet Corn of the season.

"Peep of Day"

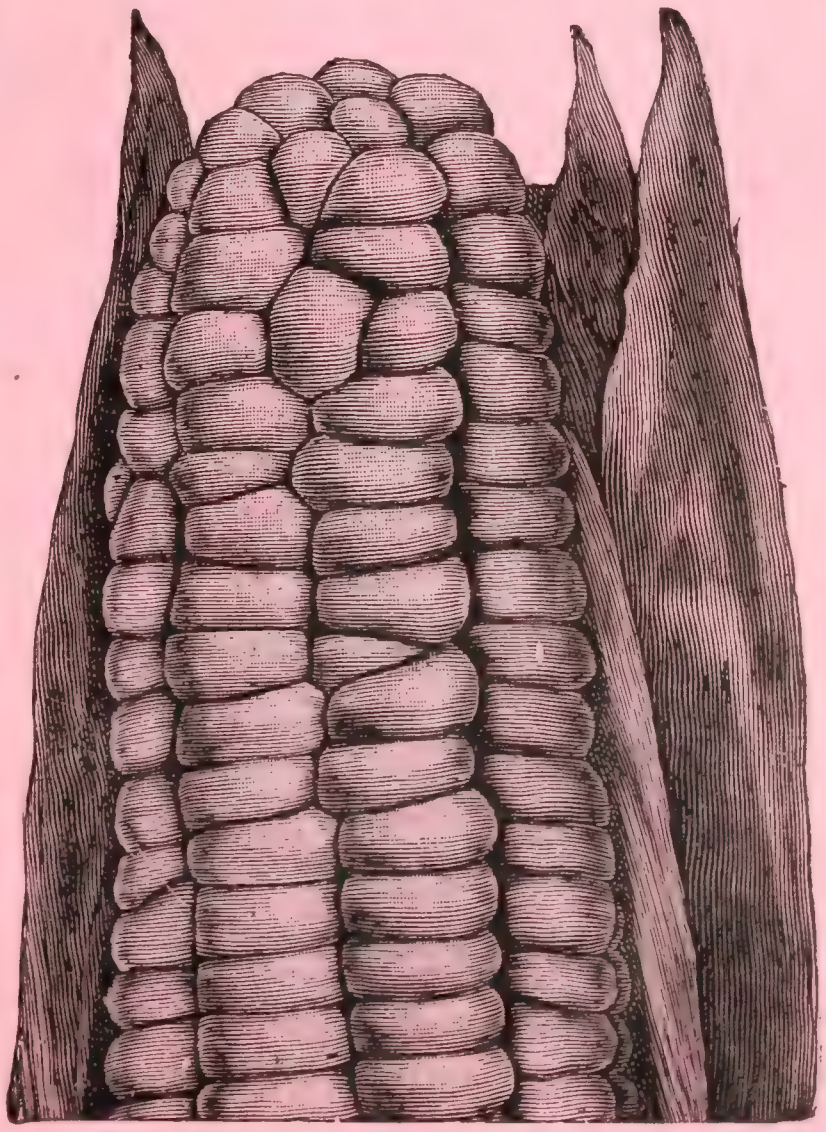
Ten Days Earlier Than Any Other Sweet Corn

This remarkable variety introduced by a Minnesota Seed House, is ten days earlier than any other Sweet Corn, has fully sustained the claims made as to its earliness and sweetness. If you plant this corn you will have the first sweet corn of the season.

"Peep of Day" corn, in addition to its sensational earliness, is entirely distinct in appearance and habit of growth. The stalks grow about 4 feet in height. The ears average about 5 inches in length and are of perfect form, well filled out to the tip. When cooked the corn is exceedingly sweet and tender. Market and private gardeners planting this variety will be sure of having the first sweet corn on the market. Everyone welcomes the first sweet corn of the season, and there is a natural strife among gardeners to realize the best price for the earliest. Price per pkt. 7 cts., pt. 25 cts., qt. 40 cts., pk. $1.25.

WE AIM to furnish such good seeds that we shall be well advertised in your neighborhood. To secure this result send us an order. We will do the rest.

WHITE MEXICAN SWEET CORN

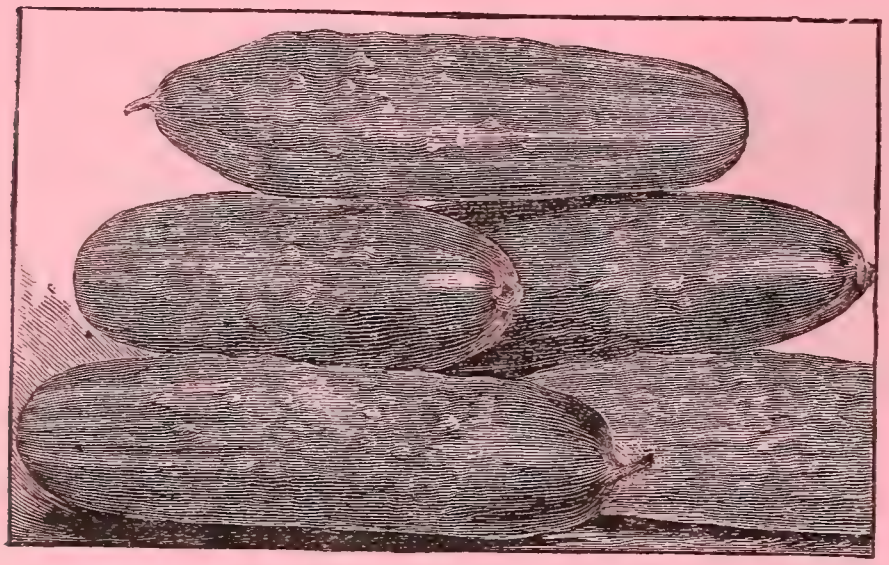


Many know the marvelous sweetness of the old Black Mexican Corn. Every one that has tasted this corn likes it, but dislikes its color.

The White Mexican possesses all the good qualities of the old Black Mexican, just as sweet with just as fine a flavor without the objectionable color. It has a pure ivory white color, ears large for an early variety. It matures from 4 to 6 days later than the White Cory. When better known it will become a popular variety, for its earliness, large ears, sweetness and fine flavor.

Price per pkt. 5 cts., pt. 20 cts., qt. 35 cts., pk. $1.00.

Klondike Cucumber



This valuable new variety is one of the best for slicing, and will produce Cucumbers equal in appearance to the hot house grown specimens.

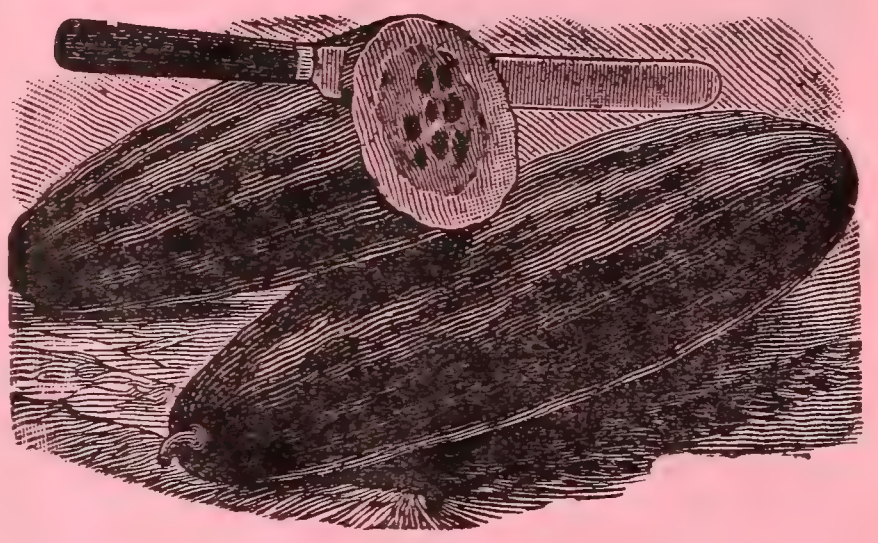
The color is rich dark green, and the fruits grow to a uniform size, measuring about seven inches long and two inches thick when in good condition for use. It matures early and continues bearing for a long time, and the vines make such a healthy and vigorous growth that they produce a good crop even in a poor season, when many other varieties fail on account of unseasonable weather.

Price per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

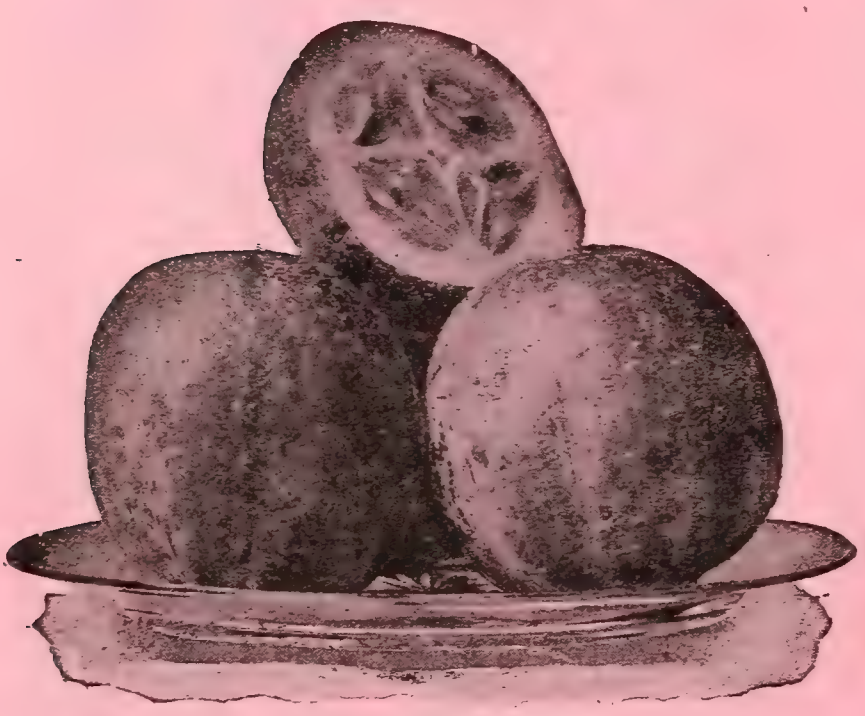
Davis' Perfect Cucumber

A fine new variety for both outdoor and forcing. It is a most carefully selected strain of extra long white spine type made by a veteran cucumber grower. The fruit grows 11 to 12 inches long on an average, slight pointed, a dark, glossy color, which they keep until ripe, then turning white. In quality it is very tender, brittle and of fine flavor. A very vigorous grower, withstanding blight better than long sorts.

Price per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.



Lemon Cucumber



Lemon Cucumber

A new and entirely distinct type. Tender, sweet and crisp. The Lemon Cucumber has come to stay, its popularity increasing. With those who grew it last season it is a favorite. If you are fond of cucumbers and want one that will almost melt in your mouth, try our Lemon.

Our illustration is from a photograph of the fruits, in comparison, with an ordinary Cucumber. They are nearly round, with the yellow and green markings and smooth skin of the Lemon, while the flesh is exceedingly tender and crisp, with a sweet flavor surpassing all other Cucumbers. They have none of the bitter or acrid taste so generally found in Cucumbers. For slicing they excel, and are well adapted for serving whole upon the table. For pickling, ripe or green, one of the best and most attractive, on account of their quaint form. They can be served green but are at the best just as they are turning yellow. This variety has given us great satisfaction for family use and also for pickling, as we tested this sort along with others at our trial grounds. Price per pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.

Lettuce---Immensity

Also called Maximum. Of enormous size, and probably the largest known variety of Lettuce. A wonderful heat resisting Lettuce, remaining a long time, even in hot weather, without going to seed. Very solid heading, deliciously crisp and of superb quality. It is green outside and yellow in the center. Not early, but just the variety to follow the early ones, as it will withstand very warm weather and remain crisp.

Price per pkt. 5 cts., oz. 15 cts., ¼ lb. 30 cts., lb. $1.00.

"Crisp as Ice" Lettuce

A most beautiful and attractive Cabbage Lettuce well adapted for family and home market use. The heads are solid, of immense size when well grown and so exceedingly tender and brittle as to fully warrant the name, CRISP AS ICE. The glossy leaves are thick, nicely crimped and curled; outside they are beautifully variegated with dark bronze and green. The heads when cut open have a rich creamy-yellow heart. A variety that will become popular with all.

Price per pkt. 5 cts., oz. 15 cts., ¼ lb. 30 cts., lb. $1.00.

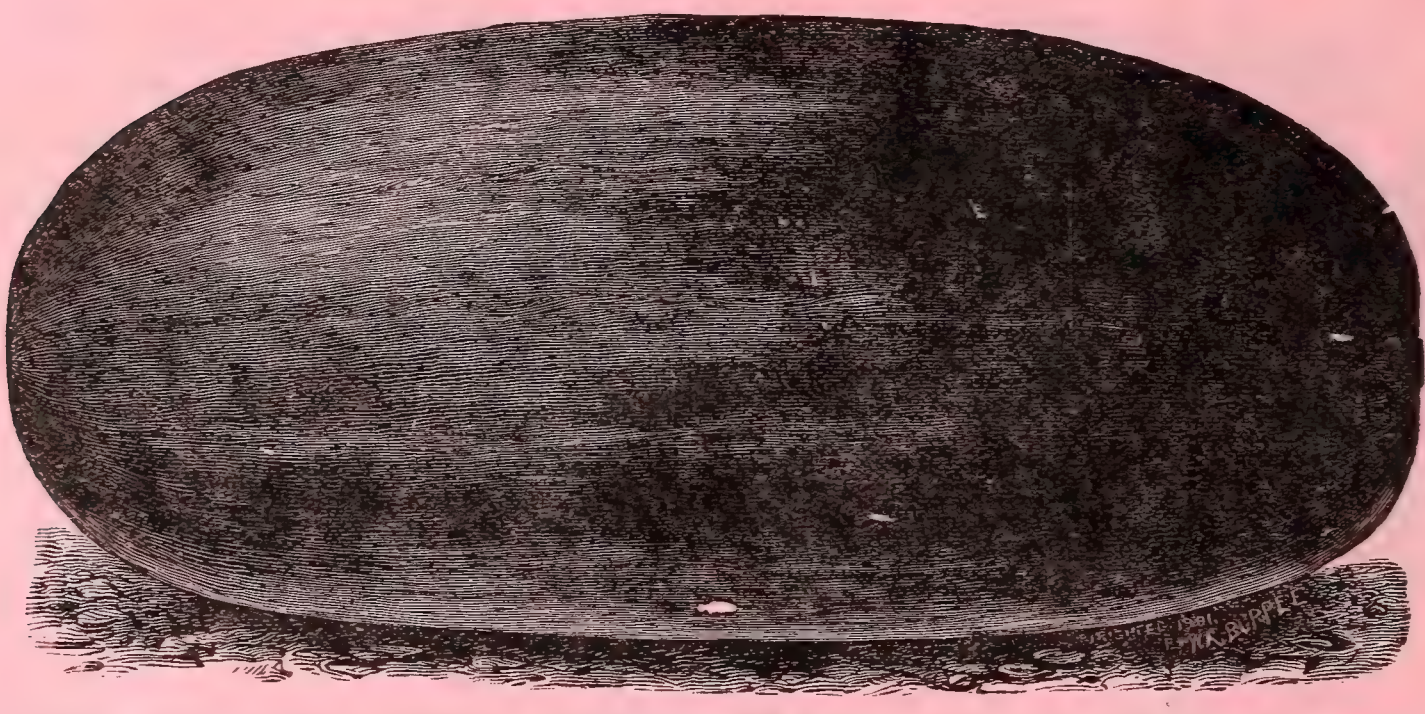
New Lettuce---"May King"

One of the Best Early Heading Lettuces

A very early, extra fine heading lettuce for spring and fall use in the open garden, or for cold frames during winter months. The inner leaves are tightly folded, of good substance. The entire heads are blanched to a rich golden yellow and have a rich buttery flavor. Heads being so firmly folded and solid that they can be shipped to distant markets and arrive in good condition. Can be highly recommended.

Price per pkt. 5 cts., oz. 15 cts., ¼ lb. 30 cts., lb. $1.00.

Halbert Honey Water Melon



This fine new variety originated with Mr. H. A. Halbert, of Texas, who grows 30 acres every year for his home trade and he challenges the world to produce its equal in beauty, quality, productiveness, and market demand on the part of lovers of melons. It fully equals the Kleckley in sweet flavor and has fruits more even and regular in outline, with a darker, richer colored skin, making it more attractive in appearance. The vine is a strong, vigorous grower and sets fruits very freely. The flesh is a beautiful crimson, the seed is white and comparatively small. It is essentially a home melon for the nearby market, as the skin is too brittle to ship long distances.

In quality it is simply delicious, sugary, and of a rich fruity flavor peculiar to itself, devoid of all stringiness, the sweet flesh melts away in the mouth like honey. We invite everyone to give it a trial.

Price per pkt. 5 cts., oz. 15 cts., ¼ lb. 30 cts., 1 lb. 75 cts.

I have had good success with your seeds and have planted them for many years. Always of strong vitality and true to name.—Nelson Hanks, Edgar County, Illinois.

NEW WATER MELON

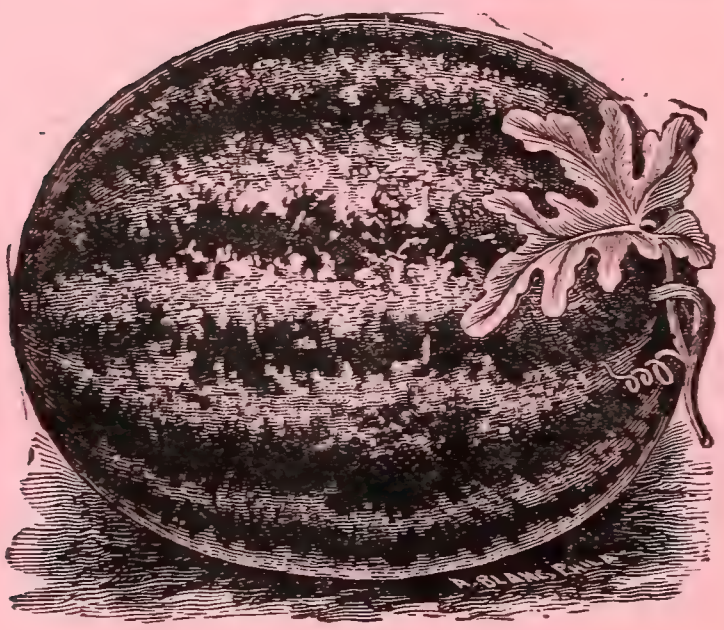
TOM WATSON

This new variety has been on the market only a short time and has become one of the most popular sorts for shipping and market.

The luscious crimson flesh is as sweet as honey, melting and of superb flavor. The average melon is 18 to 24 inches long by 10 to 12 inches thick, weighing from 30 to 40 lbs. The dark green rind is tough but thin and easily withstands shipment to far distant markets. It is very prolific, producing in greatest abundance the large delicious fruits. We believe the Tom Watson is one of the very best melons sent out lately. Sure to take a leading place with melon growers.

Price per pkt. 10 cts., oz. 15 cts., ¼ lb. 30 cts., lb. 75 cts.

New Chilian Water Melon



A new melon of splendid quality which is very popular on the Pacific coast. Very attractive, quite large, nearly round, skin deep green, mottled and striped. Flesh of a bright vermillion red, remarkable fine grained, firm, sweet and melting. Will doubtless take high rank as soon as its desirable qualities have become more generally known. Worthy of a trial everywhere.

Price per pkt. 5 cts., oz. 15 cts., ¼ lb. 30 cts., lb. 75 cts.

New White Icicle Radish

An entirely distinct variety from Germany, and derives its name from the almost transparent whiteness of the roots. It produces long, slender, pure white radishes very early in the season, much earlier and finer in quality than any other long white variety. The shape is well shown in our illustration. The leaves are short and few, also making it an excellent variety for forcing. It is of the best flavor, very brittle and crisp. The roots grow about four inches long and are ready for use in about three weeks from the time of sowing. It is a desirable variety for the home garden and market gardeners will find it a money maker. It is destined to become very popular with growers. Price per pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Radish--Cooper's Sparkler

A new variety of an entirely distinct type. In shape it is globular; the top is very short, thus making it adaptable for forcing, although equally as good for outside planting. The color is a rosy carmine, with a fine white tip. Its rapid growth makes a fine crisp radish, as early as the scarlet turnip. The Sparkler will keep long in good condition, and can be grown the year round if successive sowings are made.

Price per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

Crimson Giant Radish

This new variety suitable for forcing or early planting out of doors. It grows to double the size of other forcing varieties without becoming pithy or hollow.

The Radishes run from 6 to 7 inches in circumference and yet remain firm and crisp, free from all signs of becoming soft. Root turnip-shaped, color a beautiful crimson carmine, with pure white flesh, tender and juicy. We are certain it will become a great favorite with all who plant it.

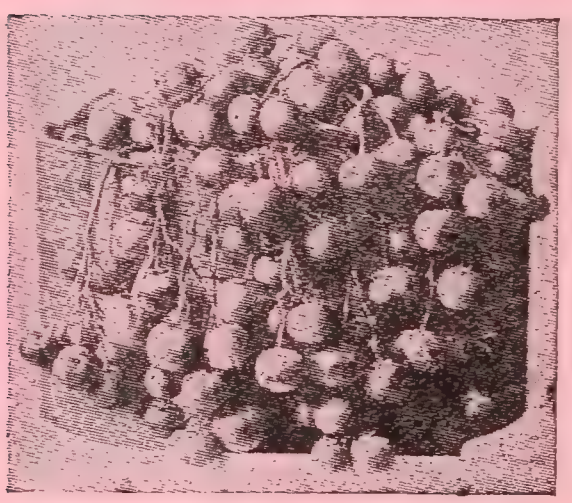
Price per pkt, 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

The Delicious Squash

This new variety comes from the originator of the well-known Hubbard. It is one of the best flavored squashes in existence. The name is given in reference to its quality "delicious" the word mostly used to describe its quality. It is the result of years of selection and crossing between the Hubbard and other varieties. It is uniformly of a green color when matured. Flesh very thick, of a dark orange color, weight 5 to 10 lbs. For table use it leads all others in its remarkabe combination of fine and compact grain, dryness, sweetness and richness of flavor. It is a late fall and winter squash.

Price per pkt. 5 cts., oz. 10 cts., ¼ lb. 35 cts., lb. $1.00.

True Hybridized Potato Seed



POTATO SEED-BALLS BY THE BUSHEL.

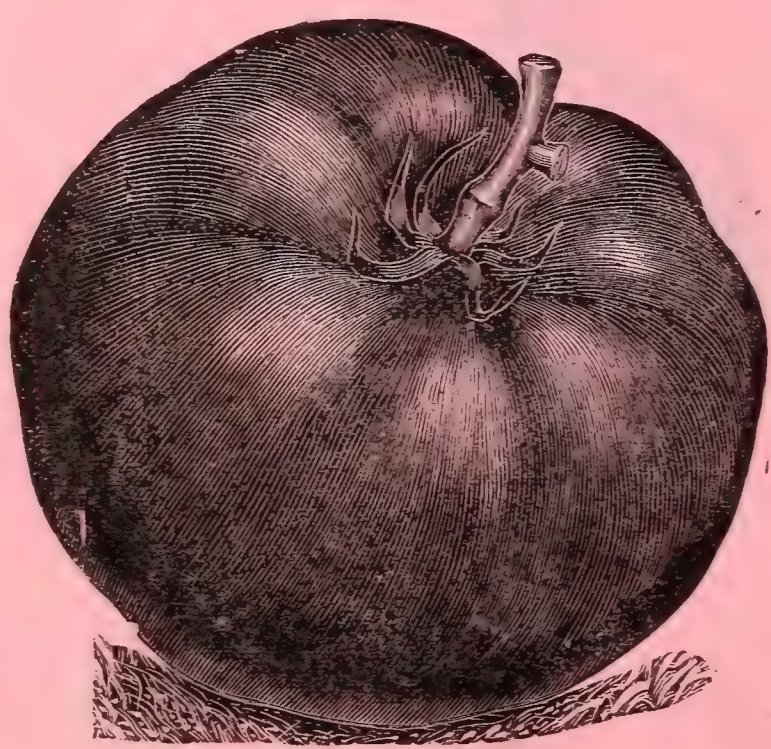
Growing new, distinct sorts of potatoes from the Seed-Ball Seed is most interesting and fascinating. The chance of producing new varieties of enormous value is well worth striving for. We offer a superb collection of Seed from innumerable hybridizations between the best new and old sorts in cultivation. This Seed will produce an endless variety of kinds, colors, sizes and qualities. Very easy to grow. A large share of this incomparable potato seed is direct from Mr. Burbank, the renowned hybridizer, the choice product of his almost endless varieties and selections. Is it not worth a trial. New creations of merit bring rich returns.

Price per pkt. 15 cts., 2 pkts. 25 cts, 5 pkts. 50 cts.

Dwarf Giant Tomato

This new variety is the largest fruited of all Dwarf Tomatoes. The fruits are gigantic in size and are uniformly throughout the season. The color is deep rich purple-crimson. It is the most meaty of all tomatoes. The firm, fine-grained flesh extends to the very center, with no trace of a core. Of rich, sweet, delicious flavor, entirely free from acidity. It is uniformly of compact bush-like growth, with thick heavy stalks to hold up the heavy crop of fruit. It is mid-season, or a main crop tomato.

Price per pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.



New Early June Tomato

The Greatest New Tomato in Twenty-five Years. Earlier than Earliana, as Smooth and Highly Colored as Stone, as Meaty, Solid and Seedless as Ponderosa

This strong claim is made by our brother seedsman, Henry Field, the introducer of this new variety, and the best thing of this strong statement is he backs it up with tests made in the different states by disinterested people.

This new Tomato originated with the Rev. W. H. Rust, who lives in Northern Missouri. For several years he has been trying to get a Tomato that would be earlier and better than anything else in the list. The Early June Tomato is the result of his 20 years' patient experimenting.

Here is Rev. Rust's brief description of this variety: "I believe it to be the earliest of all. Not only is it early, but large. In color it is crimson red and very attractive. It is almost seedless, the flesh thick and firm, and the flavor delicious. I have marketed it here for four years past and have never had a complaint on quality, and have received an average price of 5½ cts. per pound for the whole season.

Price per pkt. 10 cts., 3 pkts. 25 cts., ½ oz. 20 cts., oz. 35 cts., ¼ lb. $1.00.

Livingston's New Coreless

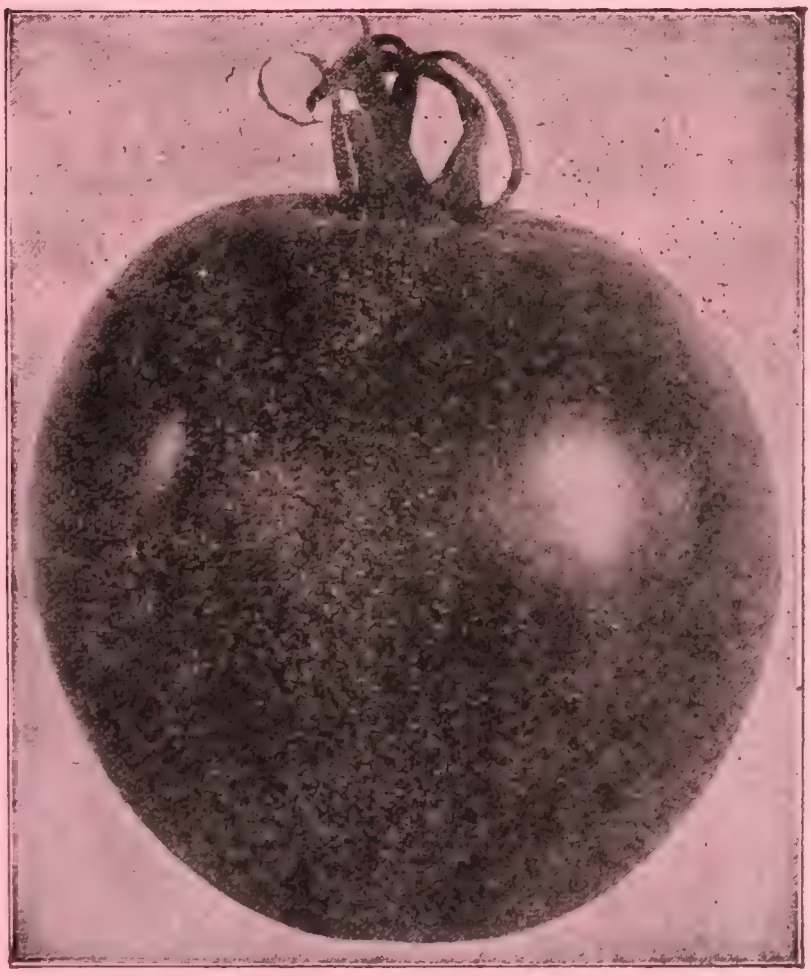
TOMATO

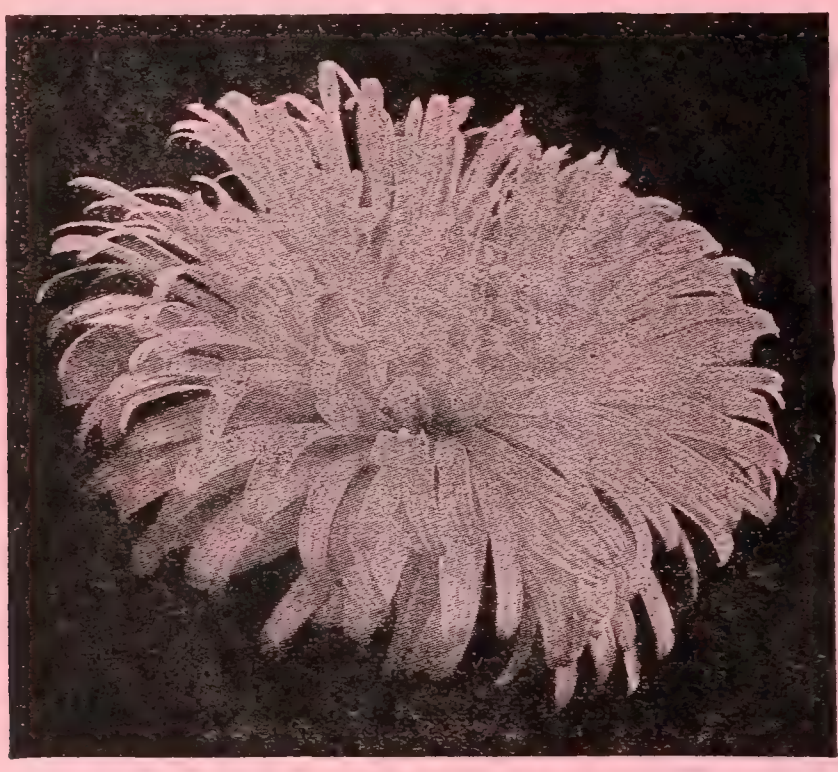
The Most Perfect Shaped Canning Variety Ever Produced. Large Size, Globe-Shaped, Full at Stem End, Bright Red, a Strong Grower and Big Cropper

In shape it is almost round, being of about the same diameter each way as shown in our illustration. The depression at the stem end has been almost eliminated, making it the most profitable variety for canning, owing to a very small amount of waste. It is immensely productive, clusters of four to seven fruits are produced at six to eight inches apart along the stem. All of the fruits are of marketable size, and many of them are quite large, twelve to fifteen ounces. Always free from green core; ripens all over and through and right up under the stem, all at once. A grand, good slicing variety; the seed cells being surrounded by bright red, heavy meaty and delicious flesh.

The strong outside and inner walls of flesh of the Livingston's Coreless render it a very firm fruit and one of the best for long distance hauling or shipping.

Price per pkt. 5 cts., ½ oz. 15 cts., oz. 25 cts., ¼ lb. 75 sts.





Aster--Mikado Pink

A fine new variety. Petals are narrow, very long and gracefully reflexed, making it the fluffiest Aster we have ever seen. In color it is a most exquisite shade of shell pink. For a mid-season pink Aster it is without a rival. The plants are unusually vigorous, succeeding everywhere. It is not uncommon to find plants with a dozen long, strong, graceful stems each crowned with flowers from four to six inches in diameter. Price per pkt. 10 cts.

Aster---New Hohenzollern

The finest type of the Comet or Ostrich Feather Asters. Flowers large, nearly eight inches in diameter, quite similar in form to a Japanece Chrysanthemum, with long, curled and twisted petals. A truly magnificent Aster, producing flowers in great abundance. Borne on long stems they make cut flowers par excellence. Mixed Colors. Price per pkt. 10 cts., 2 pkts. 15 cts.

Aster---Peerless Pink

An improved type of the Branching Aster, bearing their magnificent large blooms in profusion on strong stems averaging 18 inches long; many flowers measure 4 to 5 inches across and as double as a rose. The color is a rich lovely shell pink of exquisite beauty. Whether used for cutting or for bedding, we feel sure this grand Aster will become popular. Per pkt. 10 cts.

Aster---Violet King

Of the Branching type in growth, with long stiff stems. In form the flower is entirely distinct; petals resemble the quilled sorts, but are much larger and broader, those in the center being fantastically twisted, curled and incurved, completely covering the crown. The bloom is round, full and very large, many measuring 4 to 5 inches across. Its color is a soft violet lilac. Per pkt. 10 cts.

Dimorphotheca Aurantica

AFRICAN GOLDEN DAISY

A rare and extremely showy annual, discovered in South Africa. It will quickly become a great favorite everywhere on account of its very easy culture and beautiful colored flowers. The plants grow about a foot high and are very profuse in flowering. Its Marguerite-like blossoms, 2½ inches in diameter, show a peculiarly rich glossy orange gold, with a dark center. Well adapted for groups or borders, it produces its pretty flowers very early in sunny situations and will continue to flower during the summer months. A bed in bloom is a magnificent sight in bright days.

Price per pkt. 10 cts., 2 pkts. 15 cts.

Cole's Superb Pansies

Finest Fancy and Newest Varieties in Grand Mixtures

A strain of Pansies which, for variety, color and beauty, is not to be excelled. In this SUPERB MIXTURE we have combined one of the GRANDEST COLLECTIONS of the best and choicest strains that PANSY SPECIALISTS have so far produced.

OUR SUPERB MIXTURE contains seed of such types of NEW and GIANT-FLOWERED varieties as the Red Victoria, Peacock, Bugnot, Cassier, Trimardeau, Masterpiece, Mad Peret and scores of other sorts from EUROPEAN and American collections. This strain will please the most critical, as it will produce flowers of matchless forms, colors and markings, with many flowers measuring, if well grown in cool and rich soil, three to four inches in diameter, and such beautiful colors as bronze, mahogany spotted, marbled, claret red, and many others. They will astonish and delight all lovers of Pansies. Price per pkt. 15 cts., 2 pkts. 25 cts.

One pkt. each of the seven Flower Novelties offered on pages 14 and 15 for 60 cts. net.

PANSY

"Masterpiece"

New Giant Curled Pansy

This strain represents the highest perfection in the Giant Pansies, and for this reason is named "Masterpiece." The chief difference from other strains consits in the form of the flowers, which is well shown in the illustration, the border of each petal being conspicuously curled or waved, giving the flower a globular or double appearance. The plant is strong and bushy, the flowers are borne well above the foliage, are of enormous size, often 3 inches across, and contain the richest combination of colors that ever have been offered in any strain of Pansies. Each petal is distinctly marked with a very large dark blotch, and most of the flowers are margined with a light, white or yellow edge. Price per pkt. 15 cts., 2 pkts 25 cts.

For a Complete List of Flower Seeds, See Pages 61 to 78

SWEET PEAS

The varieties listed below are the CREAM of the named sorts. Only those are included in our collection which produce flowers of the finest form and largest size.

Every shade and color that is worth growing will be found in our list. The newer and later introductions are unique in fine colors and for large size, especially the Giant Orchid Flowered sorts of the Countess Spencer type.

For supports use poultry wire or brush. For a long season of bloom, mulch and water in dry weather and pluck flowers freely, as they soon stop blooming if you let seed form.

WHITE

Blanche Burpee. Large pure white, of graceful form.

White Spencer. This is without doubt the largest and most magnificent white Sweet Pea so far introduced. Flowers borne 3 to 4 on long stems, fine for cutting.

CREAM YELLOW

Hon. Mrs. E. Kenyon. The largest and best of the primrose-colored Sweet Peas. The very best of its color to date.

Stella Morse. Rich primrose, flushed pink, a beautiful variety.

LIGHT PINK AND WHITE

Blanche Ferry, Extra Early. Pink and white, very free flowering.

Countess Spencer. A grand large flower of finest form, of lovely shell pink, shading to deeper rose pink at the edges. In size, form and coloring, Countess Spencer is simply exquisite.

Gladys Unwin. A large bold flower. A striking and sterling novelty. 75 per cent of the stems with four blooms. Color a beautiful pale rosy pink, one of the finest Sweet Peas.

Mrs. Routhzahn. Apricot, suffused with pink which deepens to a rose on edges, a beautiful shade. Oz. 25 cts.

DEEP PINK AND ROSE

Marie Corelli. Large flowers of brilliant carmine rose, with a tint of cherry red. Oz. 25 cts.

Mrs. Dugdale. Carmine rose, shade yellow, fine large flower.

Phyllis Unwin. A giant amongst Sweet Peas. A beautiful new seedling of Gladys Unwin with the same wavy and crinkled standard. Color a deep rosy carmine self. The long stout stems carry 3 and 4 flowers each.

Royal Rose. Deep carmine pink with rosy pink, large and fine.

ORANGE AND SALMON

Evelyn Byatt. The richest colored Sweet Pea yet introduced, of a rich orange salmon standard with wings of a trifle deeper color.

Hon. F. Bouverie. A soft pinkish-salmon, wings rosy buff. A charming variety.

Helen Lewis. One of the finest grand orchid flowered sorts. Colors of wings orange-rose, the standard of a rich crimson-orange.

CRIMSON AND MAROON

King Edward VII. Large brilliant colored flowers, of a bright red or crimson scarlet. This is the very best of the dark, rich red sorts.

Queen Alexandra. This is an intense scarlet self of grand texture. It is a very free flowering variety and the flowers are of giant size with long, stiff stems.

Black Knight. Deep maroon, veined black, large flower.

LAVENDER AND BLUE

Countess of Radnor. Beautiful light lavender, with purple tinge.

Flora Norton. A rich lavender, almost a bright blue color.

Navy Blue. Dark indigo blue and violet, the best blue, entirely distinct.

STRIPED AND VARIEGATED

America. Bright carmine scarlet, striped, white ground.

Aurora. Orange salmon flaked and striped white, extra large.

Gray Friar. Beautiful watered purple, on white ground.

MIXED SWEET PEAS

Cole's Giant Superb Mixture

This mixture contains the cream of the newest Giant Flowering and beautiful named sorts. Great care has been taken in making this mixture to equal anything offered. It will give the flowers of the most delicate colors, varying from pearly white to richest red and purple. It has a good proportion of all the latest introductions and high priced scarce varieties. We know it will please the most exacting, and cannot fail to give satisfaction, as there is no better mixture in existence. Price per pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. $1.00.

Giant "Orchid Flowered" Mixed colors. Composed exclusively of the large Orchid Flowered Type, of named varieties and many seedlings of new exquisite shades and colors. A grand mixture. Per pkt. 7 cts., oz. 15 cts., ¼ lb. 35 cts.

Large Flowering Mixed. This mixture contains all the best varieties introduced by Mr. Eckford, flower large and of rich colors. Per pkt. 3 cts., oz. 5 cts., ¼ lb. 12 cts., lb. 40 cts.

Double Mixed. Under favorable conditions these will produce from 40 to 50 per cent of double blossoms, the others are single. It contains a wide range of color. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

CUPID SWEET PEAS

Mixed Cupid. Many varieties mixed. Per pkt. 5 cts.

PERENNIAL SWEET PEAS

These hardy Everlasting Peas grow about 6 feet high; the flowers are borne in large clusters, from pure white to dark red in color. They are beautiful, and are very valuable from the fact that they are in bloom early and bloom till late in fall. They are perfectly hardy and will start up every spring; showy and freely flowering plants, growing in any common garden soil. Per pkt. 5 cts., oz 15 cts., ¼ lb. 40 cts.

Price for any Named Variety, per pkt. 5 cts., 3 pkts 13 cts., 6 pkts 25 cts., oz. 10 cts., ¼ lb. 30 cts.

Tested Vegetable Seeds

In this department we aim to list all the good **Standard Varieties of Vegetables**, and many **Novelties** of recent introduction. Every new and promising variety sent out is tested on our trial grounds, to learn their merits before offered to our customers. Our packets are well filled with fresh seed. We pay the postage at these prices, except by the peck and bushel, or special prices on 5, 10 and 100 lb. lots.

ASPARAGUS

Ger. *Spargel.* Fr. *Asperge.*
One ounce will sow 50 feet of drill.

Sow in March or April, in rich soil. Soak the seed in warm water for 24 hours. Drill it thinly in rows 1 foot apart. When 1 year old transplant into permanent beds, which should be well and deeply manured. Set out the plants eighteen inches apart each way and six inches deep in sandy soil, and four inches deep in heavy soil, but only put on 2 or 3 inches at the time of planting and later gradually fill up bed. On approach of winter clear off the bed and cover with a dressing of manure or compost; fork up the beds early in the spring, and apply a dressing of salt annually to the bed, after the season of cutting—which is not only beneficial to the plants, but will keep the bed clear of weeds. A new bed should not be cut over before the third year.

THE PALMETTO. One of the largest and finest varieties. Stalks frequently measure two inches in diameter, and twelve inches long, perfectly tender when cooked. Per pkt. 4 cts., oz. 8 cts., ¼ lb. 15 cts., lb. 50 cts.

COLUMBIAN MAMMOTH WHITE. A new variety which is sure to be in great demand because it produces white shoots which stay white as long as fit for use. It gives about 80 per cent of white plants from seeds; the other can be rejected before transplanting. It produces large, tender shoots, equal to any other variety. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

COLUMBIAN WHITE ROOTS. Two years old, by mail, $1.25 per 100; by express 75 cts. per 100.

PALMETTO ROOTS. Two years old, by mail, $1.25 per 100; by express, 75 cts. per 100; $6.00 per 1,000.

Michigan White Wax Dwarf Bean

Of this new variety the introducer says: This sterling variety is already generally recognized as a bean possessed of exceptionally valuable features. Briefly described it is a white seeded Golden Wax; pods golden yellow and are fully as attractive as the Golden Wax and of the same fine quality. Pods comparatively broad, meaty and of superior quality. Vine vigorous and unusually productive. Seed is clear white, a most valuable feature, as there is a constant demand for a white wax bean of good quality.

Price per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. $1.50.

BEANS, Dwarf or Bush

Ger. *Bohne.* Fr. *Haricot.*

One quart will plant 100 feet of drill.

DWARF, or Bush Beans, require no support, and may be planted in hills or drills. the latter way being preferred. Make the drills eighteen inches apart, two inches deep, and drop the beans four inches apart in the seed drill. Keep clear of weeds, hoeing when dry. Beans are tender annuals, and cannot be safely planted till danger from frost is past. Plant every two weeks for a succession.

If wanted by Express or Freight, deduct for postage 8 cts. per pt., 15 cts. per qt.

Wax-Podded Varieties

MONSTER WAX. See Novelties.

HODSON WAX. See Novelties.

IMPROVED EARLY GOLDEN WAX. A great improvement on the popular old Golden Wax Bean. Early, the pods are long, brittle, entirely stringless, and of a golden wax color. As a snap bean it excels nearly every other variety in tenderness and rich buttery flavor, while as a shell bean it has no superiors. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. $1.50, bu. $5.00.

EARLY PROLIFIC BLACK WAX. A popular variety wherever known; the pods waxy yellow, solid, tender, and almost transparent, stringless. Very early and productive. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. $1.50, bu. $5.00.

KEENEY'S RUSTLESS GOLDEN WAX. A strong-growing bush variety of remarkable vigor and freedom from rust. It sends out short tendrils on which pods are formed in addition to those near the central stock of the plant, which accounts for its wonderful productiveness. The pods are meaty and well filled, of rich yellow color and fine quality and entirely stringless, even when large enough to shell. If the pods are picked as fast as formed, the plant continues to furnish a bountiful supply for an unusually long sason. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. $1.50, bu. $5.00.

ROUND POD KIDNEY WAX. This new variety is a selection from the famous Wardwell's Kidney Wax Bean, and possesses the same excellent market and shipping qualities of this popular variety. As its name indicates, its pods are round instead of flat. The plant grows strong and sturdy, with long, round, handsome stringless pods of large size, very solid and full of meat, crisp, brittle, and free from rust. It is wonderfully early and productive, and will become a very popular variety. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 50 cts., pk. $1.75.

YOSEMITE MAMMOTH WAX. This wonderful wax variety is the forerunner of a race of giants among beans. The pods are nearly all solid pulp and absolutely stringless cooking tender and delicious. The pods average 10 to 14 inches in length, and are a rich golden in color. The Yosemite combines size, productiveness and quality in one variety. The plant is a remarkably vigorous one, and if the pods are kept closely picked, new ones will continue to be produced. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. $1.75.

I think your seeds are fine, the best I ever used.
—Mrs. E. E. Le Bean, Victor, Iowa.

Improved Early Red Valentine Bean

Green-Podded Varieties

IMPROVED EARLY RED VALENTINE. Round Pod Strain. Early productive, tender, succulent, and of excellent flavor, continuing longer in the green state than most of the varieties. This variety is often marketable in six weeks from the time of sowing in May. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. $1.25, bu. $4.50.

EXTRA EARLY REFUGEE. The old Refugee Bean is so well and favorably known that this new variety will be quickly appreciated. It is similar in every respect to the ordinary Refugee but it is nearly two weeks earlier. It is enormously prolific, and is almost certain to produce a crop, no matter how unfavorable the season. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 35 cts., pk. $1.25.

PROLIFIC TREE. This valuable variety for field culture is the most prolific bean yet known, growing 18 to 24 inches high, branching out in all directions. They yield from 40 to 50 bushels per acre. Plant in rows 3 feet apart, one bean in a hill, 20 inches apart. Four quarts are sufficient for an acre. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 35 cts., pk. 85 cts., bu. $3.00.

IMPROVED WHITE NAVY. This variety can profitably grown to a much greater extent than is now done as it is of easy culture, and one that certainly pays better than most field crops. It ripens early, before any danger from frost in northern bean growing latitudes, and often yields sixty fold with ordinary field culture. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 35 cts., pk. 85 cts., bu. $3.00.

Improved Golden Wax Bean

REMEMBER, we pay the postage on beans at these prices. **Deduct 15 cents** on each quart if sent by express.

BURPEE'S STRINGLESS GREEN POD BEAN

This remarkable variety has proved all the introducer claims for it. It surpasses all others in crisp, tender flavor. The illustration herewith shows the width and thickness of the beautiful, straight, green pods taken from nature. When we add that the pods are ready to market EARLIER than the best stock of the Early Yellow Six Weeks which, as all know is valuable only for its extra earliness, being of inferior quality, we are sure that the Stringless Green Pod will supply a long-felt want. It must prove of immense value not only to the market gardener who wants to make more money but also to the amateur who seeks a rare quality early for the home table.

Price per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 45 cts., pk. $1.50, bu. $5.00.

Burpee's Bush Lima

This variety is universally conceded to be altogether unique. It is the first and only true bush form of the luscious large Lima Bean. The bushes grow eighteen to twenty inches high, of stout growth and always erect, yet branching so vigorously that each plant develops into a magnificent bush. It is an immense yielder, each bush bearing from 50 to 200 of the handsome large pods, well filled with very large beans. Plant when soil becomes warm, in rows 2 feet apart and fully 12 inches between the plants. Pinch out the top when about one foot high which will cause plants to branch more Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 50 cts., pk. $1.75.

Henderson's Bush Lima

This Bush Lima grows in compact bush form, from 15 to 18 inches high, and produces enormous crops of delicious Lima Beans, which can be as easily gathered as the common garden bush beans. It is at least two weeks earlier than any of the climbing Limas, and produces continuous crop from the time it comes into bearing until frost, and being enormously productive, a very small patch will keep a family supplied with this splendid vegetable throughout the season. The beans are of the size of the Small Lima, and of the same delicious quality as the Pole Lima. A fine variety for market gardeners Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. $1.50.

New Giant Stringless Green Pod Bean

This new Giant Podded Bean comes highly recommended. It is a seedling from the well known Red Valentine. It is claimed by the introducer that it is ready for the market with a more prolific crop of pods a week earlier than this variety. The pods are one-third larger, averaging five to six inches in length. They are always absolutely stringless, round, full and fleshy. It is very prolific, and surpasses other varieties in crispness and flavor. No market or family gardener can afford to miss planting this fine new variety. Price per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 45 cts., pk. $1.50, bu. $5.00.

Giant S. G. P. Bean

BEANS, Pole or Running

Ger. *Strangen Bonen.* Fr. *Hericota a rames.*
One quart will plant 100 to 160 hills.

These are more tender and require rather more care in culture than the bush beans, and should be sown two weeks later; they succeed best in sandy loam, which should be liberally enriched with manure. Form hills from three to four feet apart; plant six to eight beans with the eyes downward, in each hill, about two inches deep, leaving a space in the center for the pole. Limas will not grow until the weather and ground are warm; if planted before they are apt to rot in the ground.

EARLY LEVIATHAN LIMA. The earliest variety of pole lima; one week earlier than any other sort. Produces pods in clusters of 5 to 10 in a cluster. Of superior quality, immense size, vigorous and wonderfully productive. It will prove a boon to many growers especially in the north where seasons are short, where this delicious vegetable is denied to many on account of early frosts. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 45 cts., pk. $1.75.

KING OF THE GARDEN LIMA. Finest stock for market gardeners. A vigorous grower, requiring but two vines to each pole. When not closely planted, they set their pods early, at the bottom of the pole, producing a continuous bloom and fruitage to the end of the season. The pods are of enormous size, many specimens measuring from 5 to 8 inches and producing up to 7 Beans to the pod, all perfectly formed and of superior quality. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. $1.50.

LAZY WIFE'S. This valuable bean has become a great favorite wherever introduced. The pods grow long, entirely stringless, and of a rich buttery flavor when cooked. The pods remain green and retain their tender, rich flavor until nearly ripe. The beans are white, and are unsurpassed as a shell bean. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 45 cts.

OLD HOMESTEAD. This variety comes highly recommended very early. It is enormously productive, the pods hanging in great clusters from top to bottom of pole. It is entirely stringless, and the pods are a silvery green color. The pods, though large, cook tender and melting, and we can recommend it as one of the best green Pole Beans. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 45 cts.

WHITE CREASEBACK, or BEST OF ALL. This variety cannot be praised too highly. It is exceedingly productive, the long pods being produced all over the vines in clusters of from four to twelve. The pods are perfectly stringless, very fleshy, and as string beans are of superb quality. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 45 cts.

CUT SHORT, or CORN HILL. An old variety, very popular for planting among corn, and it will give a good crop without the use of poles; vines medium, pods short, cylindrical and tender; beans nearly oblong, cut off diagonally at the ends, white, covered at one end with reddish brown dots. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 45 cts.

EARLY GOLDEN CLUSTER WAX. This variety is claimed to be the finest Pole Bean in cultivation. The pods retain their tenderness and plumpness long after the beans have attained a large size. The pods are a beautiful golden yellow, and are from six to eight inches long, borne profusely in clusters of 4 to 6. Its cooking qualities are excellent. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 50 cts.

WHITE DUTCH CASEKNIFE. This is one of the earliest sorts. Pods long and flat, beans white, flat, kidney-shaped, and of excellent flavor; used for snaps or shelled; good green or dry and abundant bearer, and well adapted for winter use. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 45 cts.

HORTICULTURAL, or SPECKLED CRANBERRY. An old and popular variety. Pods long and broad, pale green, dashed with red. Green beans, large egg-shaped and of the highest quality; the dry beans are very superior for baking or stewing. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 45 cts.

BURGER'S STRINGLESS GREEN POD. By some called White Seeded Kentucky Wonder. This early bean is a splendid sort, of fine quality and entirely stringless; long bearing vines. The pods are borne in clusters, six to eight inches in length, are uniformly straight, of rich dark green color and very meaty and tender in flavor. The dry beans are pearly white and fine for baking. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 45 cts.

YARD LONG, or CUBAN ASPARAGUS BEAN. This is quite a curiosity. It is a pole bean with dark green foliage, and pods growing two feet and upward in length. The pods of such etraordinary length, are produced very abundantly. Per pkt. 5 cts., ½ pt. 30 cts., pt. 50 cts.

BEET

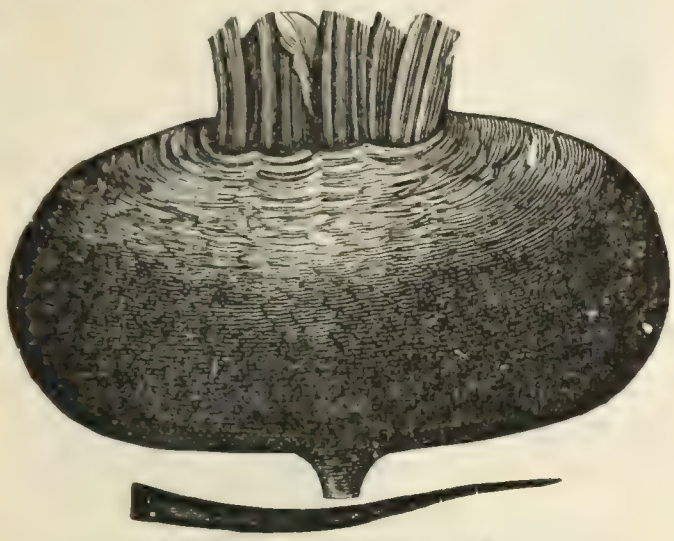
Ger. *Runkle Rube.* Fr. *Betterave.*
One ounce will sow 50 feet of drill.

The soil which is best suited for the culture of the beet is that which is rather light, provided that it is thoroughly enriched with manure. For an early supply sow in spring, as soon as the ground becomes fit to work; about the middle of May for general crop, in drills eighteen inches apart and one and a half inches deep. As the plants grow, thin four to six inches in the drills. The young plants make excellent greens. The seed will germinate more freely if soaked in warm water for twenty-four hours before sowing; keep free from weeds by hand weeding or hoeing. In October the roots may be taken up and stored in cellar or put in pits outside like potatoes, care being taken that they are not bruised or injured in the process. From four to six pounds will sow an acre.

FIREBALL. See Novelties.

CRIMSON GLOBE. See Novelties.

EARLY MODEL. See Novelties.



Crosby's Improved Egyptian Beet

CROSBY'S IMPROVED EGYPTIAN. The earliest Beet in the market. A selection from Early Egyptian, retains the earliness of the parent stock, and has added thickness, giving it a more desirable shape; it is the deepest red, and is of finer quality than the Egyptian, being sweeter and even more tender and smoother. The most desirable sort for small beets for early market. A great favorite among market gardeners. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. $1.00.

DARK RED EGYPTIAN TURNIP. The old standard sort, being from ten to twelve days earlier than the old Blood Turnip. The roots are large in size, and of a rich, deep crimson color. From the smallness of the tops more can be grown on the same space than any other variety. Per pkt. 4 cts., oz. 8 cts., ¼ lb. 25 cts., lb. $1.00.

ECLIPSE. This variety is nearly as early as the Egyptian. Grows very smooth, short top, sweet and tender, red flesh. Its earliness, and heavy cropping qualities, will recommend it to all market gardeners. Per pkt. 5 cts., oz. 8 cts., ¼ lb. 20 cts., lb. 75 cts.

DETROIT DARK RED. A grand Beet for bunching for market. Top small and upright, admitting of close planting. Roots are perfect turnip shaped with small tap root; skin dark blood red, flesh deep blood red, zoned with a lighter shade, tender and sweet, remaining so long after many sorts become woody. A fine market gardener's beet. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. $1.00.

Market Gardener's Beet

MARKET GARDENERS'. This variety is an ideal "Market Gardener's Beet," with small tap-root and but few fibrous roots; color deep blood-red. When cooked they are dark red, fine grained and unsurpassed in quality. One sowing only is necessary to produce early beets for market and main crop for winter use, which is not the case with other varieties. Pkt. 5 cts., oz. 10 cts., ¼ lb. 35 cts., lb. $1.25.

COLUMBIA. The roots are of a neat turnip-shape, with smooth skin and deep blood-red flesh, of rich, tender quality. It is ready to use very early, growing as quickly as does the Egyptian, while it does not become coarse and stringy. In habit of growth it is remarkably thoroughbred, the foliage being small, neat, and of a rich bronze color. We are sure that market gardeners will find it a splendid variety, while its fine flavor as a table beet will delight all private planters. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. $1.00.

EDMAND'S EARLY TURNIP. This variety is thoroughbred, with small tops, uniform roots, and of superior quality. Of handsome round shape, very deep blood red in color, and exceedingly sweet and tender in quality. They mature early, and have given the very best satisfaction as a bunch beet. Per pkt. 5 cts., oz. 8 cts., ¼ lb. 20 cts., lb. 75 cts.

EARLY BLOOD TURNIP. The standard early sort. Blood-red, turnip-shaped, with small top and tap root; very tender, and good for early use and late keeping. Per pkt. 4 cts., oz. 8 cts., ¼ lb. 20 cts., lb. 75 cts.

LONG SMOOTH DARK BLOOD. A long smooth winter variety, growing to a good size, half out of the ground; color dark blood-red, sweet, tender and keeps well, and is considered the best for winter use. Per pkt. 4 cts., oz. 8 cts., ¼ lb. 20 cts., lb. 75 cts.

SWISS CHARD, SILVER or SEA KALE BEET. This variety is grown for its leaves only; the middle of the leaf is cooked and served in the same way as Asparagus; the other portions of the leaf are used like Spinach. It is grown extensively in many European countries. and considered there indispensable, and should have more extended culture here. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 75 cts.

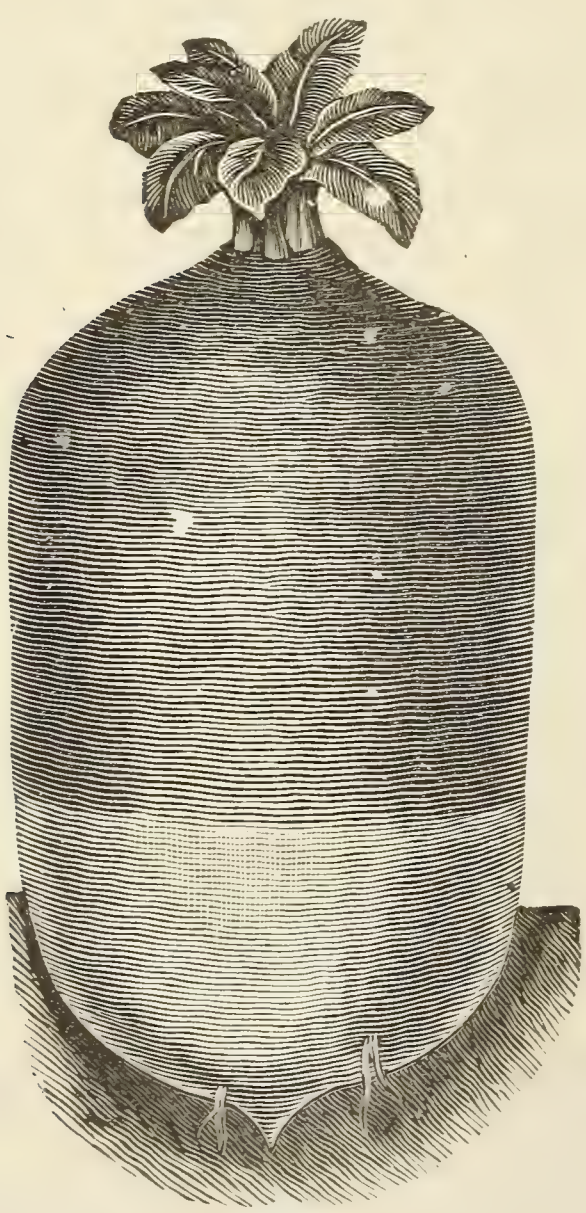
SUGAR BEETS AND MANGEL WURZEL

The following varieties are valuable for stock feeding. We can honestly urge our friends to plant them in quantity; they give immense crops, are easily raised, harvested, and kept through the winter. The results from their use are wonderful, and are clearly shown in the improved health and condition of animals. the increased yield of milk in cows, and the great saving in hay and corn. Sow in drills 30 inches apart, on rich, well prepared ground early in spring. Cultivate well and thin to 8 inches in the row. For winter, store in pits or cellar as soon as heavy frost is feared. From four to six pounds will sow an acre.

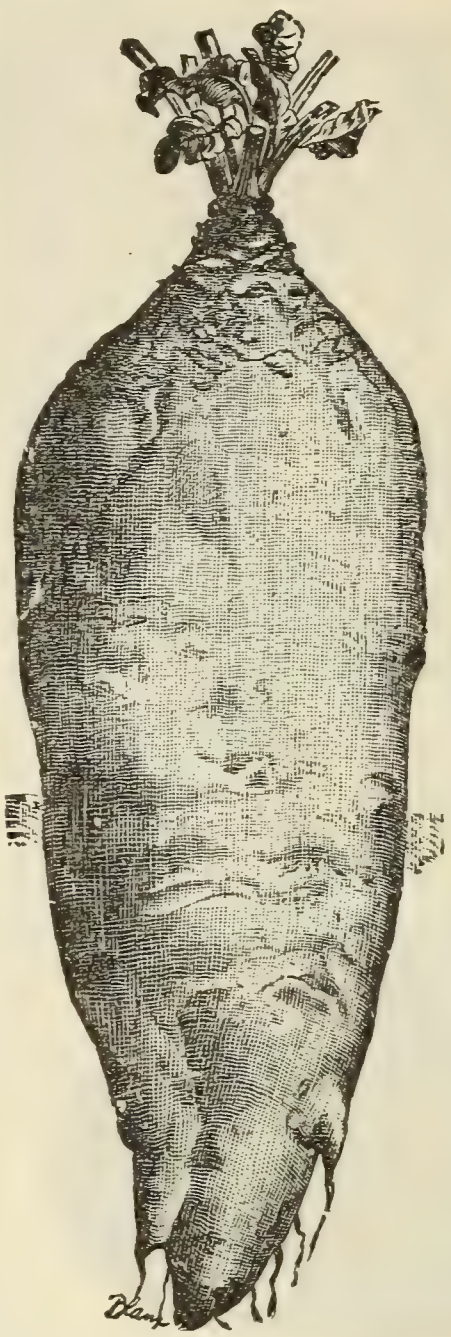
A treatise entitled "Mangel Wurzels and Sugar Beets and Their Cultivation," for 30 cts.

LANE'S IMPERIAL SUGAR. The most popular beet raised for feeding cows or young stock and contains a greater percentage of sugar than the ordinary variety. From thirty to forty tons have been raised on an acre. Per oz. 5 cts., ¼ lb. 15 cts., lb. 50 cts.; not prepaid 5 lbs. $1.75, 10 lbs., $3.00.

FRENCH SUGAR RED TOP. The most generally grown sort in France, as it combines with heavy yield a good percentage of sugar. It has produced 30 tons of beets to the acre, and contains from 10 to 13 per cent. of sugar, the largest yields ever known to have been obtained with this variety. Per oz. 5 cts., ¼ lb. 15 cts., lb. 45 cts., not prepaid, 5 lbs. $1.75, 10 lbs. $3.00.



Golden Tankard Mangel



Mammoth Mangel Wurzel

IMPROVED MAMMOTH LONG RED MANGEL

Also called Norbiton Giant, Collossal and Jumbo Mangel, the heaviest cropping and best long Mangel. This mammoth variety grows to an immense size, single roots weighing 30 to 50 lbs. each, and always of very fine texture and good quality. It has produced from 60 to 75 tons per acre, and is most valuable for stock feeding. Per oz. 5 cts., ¼ lb. 15 cts., lb. 45 cts.; not prepaid, 5 lbs., $1.75, 10 lbs., $3.00.

GOLDEN GIANT INTERMEDIATE. Also called Leviathan, Gate Post and Mammoth Yellow. It has a magnificent root, and is easily lifted from the ground; produces enormous crops, and has proved itself to be a most excellent keeper. It grows more than half above the ground, is remarkably even in shape, rather elongated in form, and of most vigorous habit of growth. Fine neck and smooth skin. Per oz. 5 cts., ¼ lb. 15 cts., lb. 40 cts.; ont prepaid, 5 lbs. $1.50, 10 lbs. $2.75.

GOLDEN TANKARD. The best type of intermediate Mangel; small top, smooth, very solid flesh of a deep yellow color, nutritious in milk producing qualities; admits of close culture, and a heavy cropper; 75 tons have been grown on an acre. Per oz. 5 cts., ¼ lb. 15 cts., lb. 45 cts.; not prepaid, 5 lbs., $1.75, 10 lbs., $3.00.

Collection of Mangels

COLLECTION OF MANGELS. One ounce each of the above five varieties for 20 cts., ¼ lb. of each for 60 cts., one pound of each for $2.00, postpaid, or the five pounds by express, $1.75.

CARROT

Ger. *Mohren.* Fr. *Carrotte.*
One ounce will sow 150 feet of drill.

The Carrot, like other root crops, delights in a sandy loam, richly tilled. For early crops sow in spring, as soon as the ground is in good working order; for late crops they may be sown any time until the middle of June. Sow in rows about fifteen inches apart, thinning out to three or four inches between the plants. In field culture, when grown for horses and cattle, the rows should be two feet apart, so that the crop can be worked by the horse cultivator. As carrot seed is slow to germinate, all precautions must be taken. It takes from two to three pounds to sow an acre.

A treatise entitled "Carrots—How to Grow Them," by mail prepaid for 30 cts.

EARLY SCARLET HORN. One of the earliest varieties; color deep orange, fine grained and agreeably flavored; top small; it is best for the table, and will grow very well on thin soil. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 35 cts., lb. $1.25.

Ox-Heart Carrot

OX-HEART or GUERANDE. This variety is one of the most valuable, either for family use or market. It is intermediate between the half long and horn varieties, attaining a diameter of 3 to 4 inches at the neck, good shape and rich orange color. The flesh is fine grained, and has little or no core. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 35 cts., lb. $1.25 .

CHANTENAY, or MODEL. This is of a rich, dark orange color, half-long stump rooted, has an extra large shoulder, and is easily dug. This stock has been so well bred that the carrots are almost duplicates of each other. It is very productive, smooth, and of fine texture. Medium early, and a very good market carrot. Per pkt. 4 cts., oz. 10 cts., ¼ lb. 35 cts., lb. $1.25.

Carrots for Stock

THE MASTADON. This is the heaviest cropping Stock Carrot grown, yielded more tons per acre than any other sort. The flesh is white, solid, crisp and very sweet. The roots are short and very heavy at the shoulder. Have yielded 15 to 20 tons per acre. Per pkt. 5 cts., oz., 8 cts., ¼ lb. 20 cts., lb. 75 cts.

LARGE WHITE BELGIAN. A very productive field variety. Grows about one-third out of the ground, and is easily gathered; grown largely for stock. Per pkt. 4 cts., oz. 7 cts., ¼ lb. 20 cts., lb. 75 cts.

Danver's Half-Long Carrot

HALF-LONG DANVERS. A valuable variety, of rich, dark orange color, very smooth, and handsome, in form midway between the Long Orange and the Early Horn, and very productive. Under the best cultivation it has yielded from twenty to thirty tons per acre. Per pkt. 5 cts., oz. 8 cts., ¼ lb. 30 cts., lb. $1.00.

IMPROVED LONG ORANGE. The standard late variety, handsome and uniform in shape, of large size, and deep orange color. It is a good keeper, of fine quality for table use, and highly nutritious for stock. Per pkt. 4 cts., oz. 8 cts., ¼ lb. 30 cts., lb. $1.00.

BORECOLE, or KALE

Ger. *Blatter-Kohl.* Fr. *Chau Vert.*

The Kales are excellent as greens for winter and spring use. The crown or center of the head cut off so as to include the leaves is the eatable part. They are more hardy than cabbage, and are improved by frost, but the time and manner of sowing and the culture are identical with cabbage.

MOSS CURLED HALF DWARF OR SCOTCH. This new and beautiful variety originated in France, where it is fast becoming popular with the gardeners. It is between the dwarf and tall varieties, with yellowish green, finely fringed leaves. It is the handsomest and most ornamental variety we have ever seen and is extremely hardy. Market gardeners try it. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. $1.00.

Borecole

CABBAGE

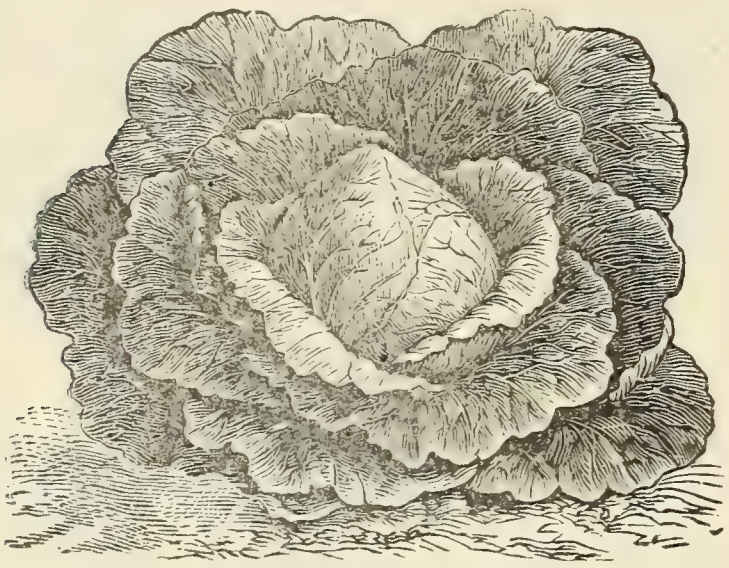
Ger. *Kopf-Kohl.* Fr. *Chow Pomme.*

One ounce will produce 2,000 plants and sow about 50 square feet.

The requirements for a good crop are rich soil, deep plowing, high manuring, good seed and thorough after culture. For early use, sow seed of the early kinds in the hot-bed, or in a box in the house, early in February, and transplant them in the open ground in April, in rows two feet apart and eighteen inches between the plants in a row; or sow in a seed-bed outside as soon as the soil can be worked, if you do not care for real early cabbage. These may be transplanted in about four weeks. For second early cabbage, sow in April and transplant in May. For late cabbage, sow in May and transplant in June, in rows three feet apart and two feet apart in the row. In transplanting cabbage or cauliflower it is important that the plant is set down to the first leaf; that the stem may not be injured in case of frost; be careful not to cover the heart of the plant. Hoe every week and stir the ground deep. As they advance in growth, draw a little earth to the plants until they begin to head. To prevent splitting or bursting of cabbage, go frequently over the ground and start every cabbage that appears about to mature, by pushing them over sideways, which breaks some of the roots and checks its growth. To prevent the attacks of cabbage fly on small plants dust thoroughly with plaster, air-slacked lime, or wood ashes freely over the young plants. For the cabbage worm, try "Slug-Shot."

Our Cabbage Seed is grown from high-bred selected stocks, of the best American grown varieties. The purchase of cheap Cabbage Seed is the poorest investment in the world; the failure can never be known until an entire season's labor and outlay is lost.

A treatise entitled "Cabbage," and how to grow them, by mail prepaid for 30 cts.



Early Jersey Wakefield

EARLY JERSEY WAKEFIELD. Many experienced market gardeners consider this the very best "First Early Cabbage." It is certainly deserving of its great popularity, and is grown for market more extensively than any other early cabbage. It has been our aim to have the very finest strain of so important a variety and we can recommend our seed as sure to give satisfaction. It heads up remarkably hard and solid; having few outside leaves the plants can be set close together. The heads are of excellent quality and of large size for so early a cabbage. Per pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts., lb. $1.75.

EXTRA EARLY EXPRESS. This variety is a few days ahead of any other early sort. It has grown a head fit for the market in 80 days from sowing of the seed. Has few outside loose leaves, and almost every plant forms a fine head, and can be planted close together. Per pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. $1.50.

EARLY WINNINGSTADT. One of the best in cultivation for general use. It comes both early and late; is remarkably solid and hard, even in summer, and keeps well in hot or cold weather. Per pkt. 4 cts., oz. 15 cts., ¼ lb. 40 cts., lb. $1.40.

New Early Spring Cabbage

EARLY SPRING. This new variety is a round, flat-headed extra early Cabbage, coming in with the Wakefield and yielding more than any other extra early variety. Every head is uniform as if moulded, and remarkably solid even when young. Few and small outside leaves, small veins, fine texture and delicate flavor. Having compact heads, with few outside leaves, can be planted twenty-one inches apart, making over 13,000 to the acre. A most valuable variety to gardeners and private growers. Per pkt. 5 cts., oz. 25 cts., ¼ lb. 60 cts., lb. $1.75.

HENDERSON'S EARLY SUMMER. This variety is popular with market gardeners. It forms large, solid, round, flattened, compact heads, of excellent quality. The heads average over double the size of the Jersey Wakefield, while it matures only 10 to 12 days later. Per pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts., lb. $1.75.

ALL SEASONS or VANDERGAW. Nearly as early and as good as Early Summer, but yielding heads from a third to a half as large again. An excellent variety either for early or fall use; hence its name, "All Seasons." In quality no cabbage can surpass it in sweet, tender and rich flavor. Per pkt. 5 cts., oz. 20 cts. ¼ lb. 50 cts., lb. $1.75.

Charleston, or Large Wakefield Cabbage

CHARLESTON, OR LARGE WAKEFIELD. This variety has become a popular market cabbage. It is about a week later than Wakefield, the heads are nearly one-third larger and very solid. It is very compact in growth and so can be planted more close than most varieties. One great advantage with this sort is that it does not burst open when ripe. This sort is grown largely in the south and around large cities for shipping long distances on account of its good keeping qualities, and is one of the best large early sorts on the market. Per pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. $2.00.

All-Head Early Cabbage

ALL-HEAD EARLY. In this variety we have an excellent second early cabbage, which is not only All-Head, but never fails to head. The great advantage of having an early cabbage that is sure to produce a large, solid crisp head, and one that will answer for an early or late variety, can well be appreciated. Per pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts., lb. $1.75.

AUTUMN KING or WORLD BEATER. The Autumn King, is uniformly true to type, and sure to head hard—"solid as a rock." The large, broad heads are very thick, slightly rounded at the top; fine grained and tender—more so than any other large cabbage. Stocks short, foliage compact, dark green. It is a rapid grower, and does not require special culture to develop. Per pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. $1.75.

Surehead Cabbage

SUREHEAD. This variety is unrivaled today, being pronounced by thousands of growers the surest heading and best main crop cabbage. The demand from all parts of America for this famous cabbage is steadily increasing. No other cabbage has elicited so many voluntary expressions of praise. Per pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. $1.75.

PREMIUM FLAT DUTCH. As a variety for the winter market it has no superior, and is more extensively grown than any other. Heads large, bluish green, round, solid, broad and flat on top; they open wide and crisp, are tender and well flavored. One of the very best to keep. With good cultivation on moist, rich ground, ninety-five in a hundred will head up hard and fine. Per pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. $1.50.

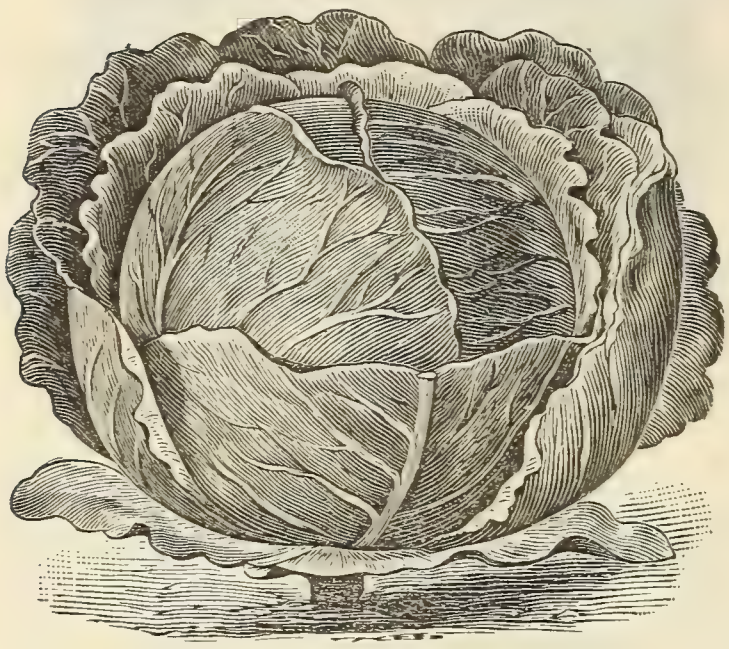
Premium Flat Dutch Cabbage

MAMMOTH ROCK RED. This is the largest and hardiest heading red cabbage in cultivation. Successful Long Island market gardeners will raise no other kind of red cabbage, for they consider this the best of all. The heads frequently average twelve pounds each, and are very sure croppers. If you want as fine red cabbage as you ever saw, you must sow ROCK RED, for it absolutely leads every other red sort. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. $2.00.

LARGE LATE DRUMHEAD. This is a large fall or winter variety, with broad, flat or round heads, short stumps, and an excellent keeper; grown extensively for shipping purposes. Per pkt 4 cts., oz. 15 cts., ¼ lb. 50 cts., lb. $1.50.

AMERICAN DRUMHEAD SAVOY. Closely approaching the Cauliflower in delicacy and delicious flavor. The best of all the Savoys for general market or home use. It has a short stump, grown to a large size, is compact and solid, and a good header. Per pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. $1.75.

Improved Danish Ballhead Cabbage



Improved Danish Ballhead Cabbage

This variety is also sold under the name of Hollander, German Export and Dutch Winter. The fame of this sort has become world wide, and today stands without a peer, as the hardest heading cabbage, longest keeping qualities, and great weight for its size. This variety has been selected and perfected for more than fifty years by the Danish gardeners.

In Denmark and Holland it is grown almost exclusively for winter cabbage, and they annually export large quantities to other countries. It will stand long journeys and keep far into the spring, the heads are of medium size, are very solid and deep, and of a fine white color, making them entirely different from any other strain, and they keep better than any other sort, the heads being just as solid and perfect when taken up in the spring as when they were put away in the fall.

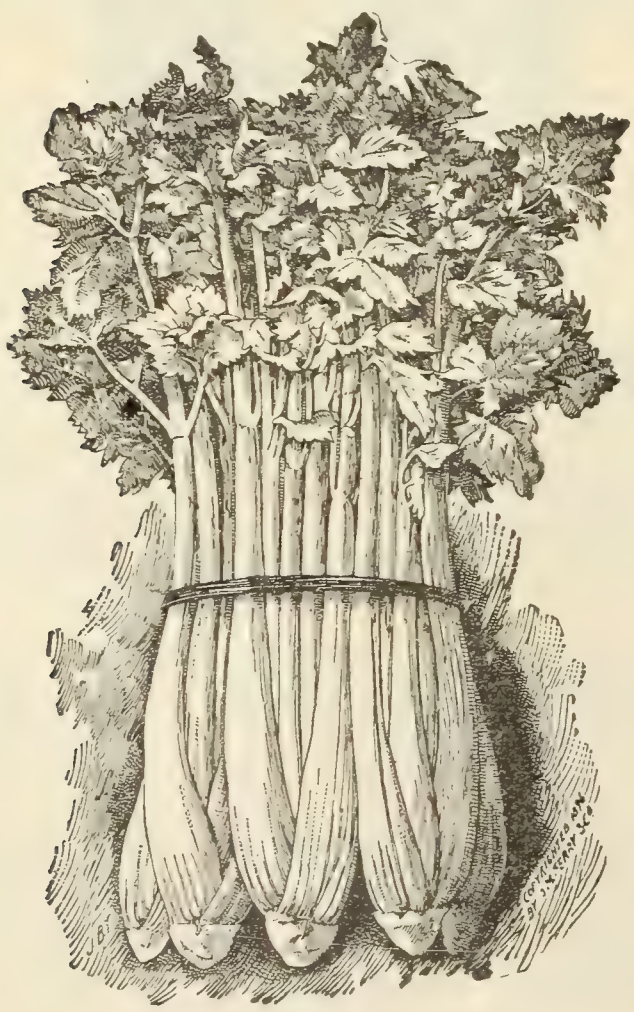
Quality fine, being tender and crisp, with but little waste heart. This will do best if planted a week or ten days earlier than our common drumhead sorts, and on deep, heavy loam, and liberally manured land.

Per pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts., lb. $1.75.

The Volga Cabbage

A new variety lately introduced from Russia. It is strong and hardy, invariably producing a crop. The heads are large, round and perfectly solid. Few outside leaves and does not crack. The flesh is firm, tender and white; most desirable for kraut as well as for all other purposes. It is about two weeks earlier in maturing than the other late main crop sorts. We predict this cabbage will lead all others as a main crop variety when better known.

Price, per pkt. 5 cts., oz 25 cts., ¼ lb. 60 cts., lb. $2.00.



CELERY

WINTER QUEEN

A most popular and valuable variety of Celery for winter and spring use. The plant is beautiful in appearance, of close habit and compact growth, and blanches to a beautiful cream white. Of vigorous growth, each plant makes a large number of fine stalks, large heart of rich golden yellow, which are broad, thick, heavily ribbed. Stored for winter it is an excellent keeper, and when taken out the blanched stalks are firm and crisp, entirely free from strings, brittle and of sweet flavor. Most highly recommended. Price, per pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts., lb. $1.50.

CELERY

Ger. *Selerick.* Fr. *Celerie.*
One ounce will produce 4,000 plants.

This is one of the best, if not the finest, of salad plants. Although largely grown at the present time, still its production should be greatly increased. It may be grown in any garden with very little labor. Sow seeds during March or April in hot-bed, or in a box in the house, or in the open ground in moist, rich soil. When sown in open ground it vegitates slowly. When the plants are four to six inches high, transplant in rows three feet apart and six inches apart in the rows. Earth up to blanch three or four times during their growth, taking care that no earth falls in the center of the plant. Take up the plants late in the fall, just before winter sets in, and remove to the cellar and cover with sand or earth, for future use.

An essay on "Celery Culture," by mail prepaid, 40 cts.

NEW PINK PLUME. The stalks of this Celery are of clear, creamy white, shaded with a beautiful, delicate pink. In flavor, it is sweeter than any other. It has the long keeping qualities for which the red Celeries are noticeable, and the faint tint of pink makes it wonderfully attractive for table use. It has no tendency to rust, and owing to its white tops matures and blanches as early as the famous White Plume. Per pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

WHITE PLUME. Each year adds to the popularity and value of this variety. It requires very little earthing up to blanch it. Its eating qualities are equal to the very best other sorts, being crisp, solid and of a rich nutty flavor. It is a good keeper up to the holiday season, and for early use is more extensively grown for market than any other sort. Per pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts., lb. $1.50.

GOLDEN SELF-BLANCHING. This fine variety with its rich, golden yellow color, its close habit and compact growth, and the readiness with which it is bleached and rendered marketable, make it invaluable to the gardener and exceedingly popular with every planter. The entire stalk is solid, crisp, and although not as early, a much better keeper than the White Plume. We offer this season, only the genuine strain of seed direct from the originator, this shows only a small per cent of the green stalks, which is so common with cheap grown seeds. Per pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. $3.00.

SNOW WHITE. The Snow White is a pure white, self-blanching variety, without a rival in purity and color. In vigor of growth, ease of blanching, size, richness of flavor, crispness and purity, it is ideal. It does well where others have failed, and grows solid on all kinds of soil. It keeps better than a great many of the best standard varieties. Single stalks, frequently you will find them to average 2 pounds. Per pkt. 5 cts., oz. 25 cts., ¼ lb. 60 cts., lb. $2.00.

Giant Pascal Celery

GIANT-PASCAL. This late variety of celery is a selection from the Golden Self-Blanching, and adds to the general good qualities of its parent, superior keeping qualities. The stalks are very large, thick, solid, crisp, and of a rich nutty flavor, free from any trace of bitterness; it blanches very easily and quickly and retains its freshness a long time after being marketed. The heart is golden yellow, and very full. For midwinter and early spring use it cannot be excelled. Per pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. $1.50.

DWARF GOLDEN HEART. In the great celery growing district this variety is planted to the exclusion of almost all others. When blanched the heart is of a waxy golden yellow, rendering it a most attractive and showy variety; entirely solid, of excellent flavor, and one of the best keepers during the winter. Per pkt. 4 cts., oz. 15 cts., ¼ lb. 50 cts., lb. $1.50.

CELERIAC, or TURNIP-ROOTED CELERY. A variety of Celery having turnip-shaped roots, which may be cooked and sliced and used with vinegar, making a most excellent salad. It is more hardy, and may be treated in the same manner as celery. Per pkt. 5 cts., oz. 20 cts.

OLD CELERY SEED.—For flavoring soups, pickles, etc. Per oz. 5 cts., ¼ lb. 15 cts., lb. 40 cts.

The seeds I had from you last year turned out to be splendid, and I recommend them to everybody who wants good seed.—Henry Hayes, Ashland Co., Ohio.

I was very much pleased with all the seed I got from you last year. Grew well in spite of the drought.—Mrs. W. S. Usher, Cherokee Co., Iowa.

CAULIFLOWER

Ger. *Blumen Kohl.* Fr. *Chow Fleur.*
One ounce will produce 2000 plants.

Cauliflower ought to receive a similar treatment to Cabbage, except that it requires an extra rich soil, an occasional application of liquid manure and frequent watering, especially when heading. Early sorts in this latitude are mostly sown in January or February in hot-beds, transplanted once before setting in open ground, and finally transplanted before the middle of April in rich, deeply worked soil, 2 feet by 15 inches apart. Late sorts are sown and cultivated like late cabbage. When heading, tie the top leaves together to protect from exposure to the sun.

Early Snowball Cauliflower

EARLY SNOWBALL. The improved strain that we offer of this variety is the best that is grown, no difference under what name it is offered. Can recommend this highly to market gardeners as one of the best early cauliflowers. Very early and reliable in heading. Of dwarf habit, with very short outer leaves, allowing it to be planted close together. Per pkt. 15 cts., ¼ oz. 50 cts., oz. $1.75.

DANISH GIANT. This variety is also listed as "Dry Weather" Cauliflower. This is a fine, large variety, that produces solid, pure white heads, about a week or ten days later than Snowball. Its main feature is the fact that it will stand an unusual amount of dry or warm weather and still produce perfect, large, solid heads. So it is especially adapted for growing in localities where all other sorts fail to grow. By use of this strain fine cauliflower can be grown in many dry districts where it has been impossible heretofore to raise this delicious vegetable. Per pkt. 15 cts., ¼ oz. 60 cts., ½ oz. $1.00, oz. $1.75.

EARLY DWARF ERFURT. One of the best in general cultivation, for forcing and open ground; very dwarf; leaves small; heads large and firm; pure white and delicious. Per pkt. 10 cts., ½ oz. 65 cts., oz. $1.25.

HALF EARLY PARIS. One of the most popular varieties in cultivation; heads very white, compact, of delicious flavor, sure to head and good for an early or late variety. Per pkt. 5 cts., ½ oz. 30 cts., oz. 60 cts.

LENORMAND'S SHORT STEMMED. A superior variety with fine, large, well formed heads. Very early, hardy, and stands dry weather. The curd is very close and uniform, and well protected by leaves, which render it desirable for early and late use. Per pkt. 5 cts., ½ oz. 30 cts., oz. 60 cts.

CRESS, or PEPPERGRASS

Ger. *Kress.* Fr. *Cresson.*

A very useful and healthful salad plant; can be used alone or mixed with lettuce or other salads for which it is prized; it is also used for garnishing. Sow early in spring, rather thickly, in shallow drills, one foot apart, in the open ground; for a succession, sow at short intervals throughout the season.

UPLAND CRESS. This is a hardy perennial, thriving on any soil, and is the first to make its appearance in early spring. It grows very rapidly. The young and tender leaves can be eaten raw, or as a salad, or when the leaves become large, boiled as greens. In taste it is very pleasant, having the flavor of the Water Cress, and is agreeable to all. Per pkt. 5 cts., oz. 25 cts.

FINE CURLED. This little salad will bear cutting several times; used mixed with lettuce its leaves impart an agreeable, warm, pungent taste. Per pkt. 3 cts., oz. 6 cts., ¼ lb. 15 cts., lb. 50 cts.

BRUSSELLS SPROUTS

Ger. *Rosen Kohl.* Fr. *Chou de Bruzelles.*

This plant grows two or three feet high and produces from the sides of the stalk numerous little sprouts, one or two inches in diameter, resembling cabbages. The leaves should be broken down in the fall, to give the little cabbages room to grow. They are very tender and sweet after early frost. The small heads are boiled and served in the manner of cabbages. Sow in seed-bed in May, transplant and cultivate like cabbage.

IMPROVED DWARF. One of the best and leading varieties. Per pkt. 4 cts., oz. 15 cts.

CHICORY

Ger. *Chicoric.* Fr. *Chicoree.*

Pursue the manner of cultivation as for carrots. If to be used as a salad, blanch the leaves by covering so as to exclude the light. If raised for its roots, dig about the same time as carrots, wash the roots and then slice them either way, and dry them thoroughly by artificial heat.

LARGE ROOTED. Use to mix with, or as a substitute for coffee. Per pkt. 4 cts., oz 8 cts., ¼ lb. 20 cts., lb. 75 cts.

POP CORN

WHITE RICE. The best white variety grown. It bears from three to six ears per stalk. Always brings the best price in the market. Per pkt. 5 cts., pt. 20 cts., qt. 35 cts., pk. $1.00.

MAPLEDALE PROLIFIC. The most prolific variety grown, a single stalk having yielded eighteen ears. The kernels are nearly clear white in color; the stalks grow six feet high; the ears are large in size, averaging six inches. It pops white and is of good quality. Per pkt. 5 cts., pt. 20 cts., qt. 35 cts., pk. $1.00.

QUEEN'S GOLDEN. Color of a peculiar lustrous golden yellow, and when popped of a rich cream color. Very prolific. Kernel and ear large; very tender. Per pkt. 5 cts., pt. 20 cts., qt. 35 cts., pk. $1.00.

SWEET CORN

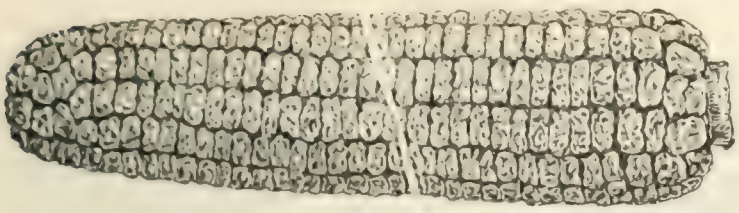
Ger. *Welshkoren.* Fr. *Mais.*
One quart will plant 200 hills.

The Sweet or Sugar varieties being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm, and for a succession, plant every two weeks, until the middle of July, in rich, well-manured ground, in hills three feet apart each way, covering about an inch, and thin out to three plants to a hill, or plant in rows four feet apart, and to stand eight inches apart in the rows.

If wanted by Express or Freight, deduct for postage 5 cts., per pt. 10 cts., per qt.

PEEP OF DAY. See Novelties.

WHITE MEXICAN. See Novelties.



First of All Corn

FIRST OF ALL. One of the Earliest. Ripening early, ears large and of superior quality, sweet and of delicious flavor. Extremely valuable to market gardeners for first early. Per pkt. 5 cts., pt. 20 cts., qt. 35 cts., pk. $1.00, bu. $3.50.

MAMMOTH WHITE CORY. This strain is as early as the original Cory. The ears are 12-rowed, much larger in size, white cobbed. No other Sweet Corn will find ready sale, as this is king of the market, for no other variety can compete with it as an extra early, and thus the market gardener who raises it monopolizes the cream of the early trade. Per pkt. 5 cts., pt. 20 cts., qt. 35 cts., pk. $1.00, bu. $3.50.

EARLY CHAMPION. The earliest large Sweet Corn. Produces ears ten inches long in 60 days. This variety is, without question, the earliest large Sweet Corn yet introduced, being only a few days later than the first early small sorts. Ears nearly as large as the Mammoth twelve-rowed; pure white kernels, with medium sized white cob; very sweet, tender, and full of milk, yielding from two to three ears to the stalk. Per pkt. 5 cts., pt. 20 cts., qt. 35 cts., pk. $1.00, bu. $3.50.

STOWELL'S EVERGREEN. This variety is more largely planted than any other, being the general favorite with canners and market gardeners for late use. It is very productive, the ears are of large size, grains deep, exceptionally tender and sugary, and remain for a long time in an edible condition. This variety is necessary to every garden. Our stock is very fine and specially recommended. Per pkt. 5 cts., pt. 20 cts., qt. 35 cts., pk. 75 cts., bu. $3.00.

COUNTRY GENTLEMAN. This excellent variety is regarded as the sweetest corn grown. It is pre-eminently an epicure variety, being the sweetest and most tender of all. The ears are medium, cob small, kernels of extraordinary depth, pearly whiteness. It is very productive, bearing from two to four ears on the stalk. It matures medium to late. Per pkt. 5 cts., pt. 20 cts., qt. 35 cts., pk. $1.00, bu. $3.50.

WHITE EVERGREEN. An ideal type of Stowell's Evergreen, so long known as the finest main crop corn, only it is pure white! The quality has been so improved that we now have in White Evergreen the finest Sweet Corn in the world! The ears are very large and average well; they are uniformly well-filled to the tip with long slender grains of the purest whiteness and most delicious sweet flavor. Market gardeners, canners and all lovers of sugar corn have been looking for a white sweet corn as good as Stowell's. They now have it white, sweet and tender, of the finest quality.

Per pkt. 5 cts., pt. 20 cts., qt. 35 cts., pk. $1.00, bu. $3.50.

GOLDEN BANTAM. This new variety of yellow grained Sweet Corn is one of the richest in flavor of any corn grown. Of extreme hardiness, can be planted earlier than any other true sweet corn, and will then produce the earliest supply of ears for the table. The stalks grow about four feet in height and average about two good ears to each stalk. The ears are 5 to 6 inches in length. The flavor is exceptionally rich and sugary, claimed to be the sweetest of all corns. Per pkt. 5 cts., pt. 20 cts., qt. 35 cts., pk. $1.00.

EARLY EVERGREEN. This variety is a selection from the Stowell's Evergreen. It possesses every good quality of Stowell's Evergreen and resembling it in every respect, except that the stalk is about one foot shorter, more closely joined, and that it will mature fully 10 days earlier. It is a splendid variety to come in between the early and the late sorts. There is no better variety than the Early Evergreen for the market gardener who wishes to get the cream of the trade. It will no doubt become a popular variety. Per pkt. 5 cts., pt. 20 cts., qt. 35 cts., pk. $1.00, bu. $3.50.

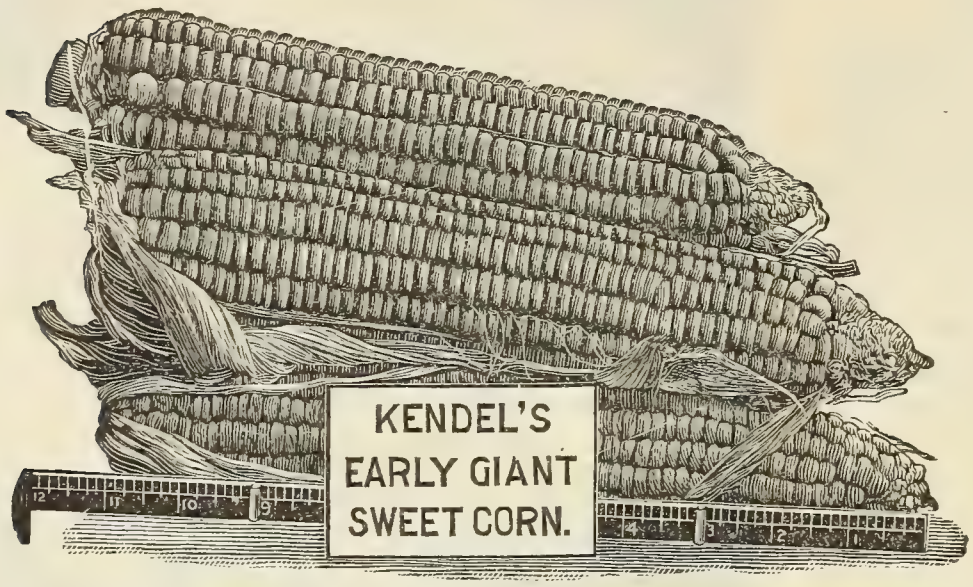
Sweet Fodder Corn

SWEET FODDER CORN. There is nothing better for green feed, or for curing for winter than sweet corn. Cattle highly relish it, and when fed on it keep in fine condition and give an abundance of milk. It has the great merit of being so sweet and palatable that cattle eat every part of the stalks and leaves. Also excellent for soiling. Sow in drills or broadcast.

EVERGREEN LATE FODDER CORN. Per pk. 60 cts., bu. $2.00, 2 bu. $3.50.

EARLY FODDER SWEET CORN Fine for early feed in summer when pastures are short Per pk. 60 cts., bu. $2.00, 2 bu. $3.50.

Kendel's Early Giant Sweet Corn



This new and distinct variety of Sweet Corn combines more merit than any other early variety in cultivation. The ears grow to a tremendous size, measuring 8 to 10 inches long, and having ten to twelve rows on each cob. Kernels pure white, sweet and tender.

Dealers and truckers report ready sales and are enthusiastic over its large size and productiveness, as well as its white cob and good eating qualities.

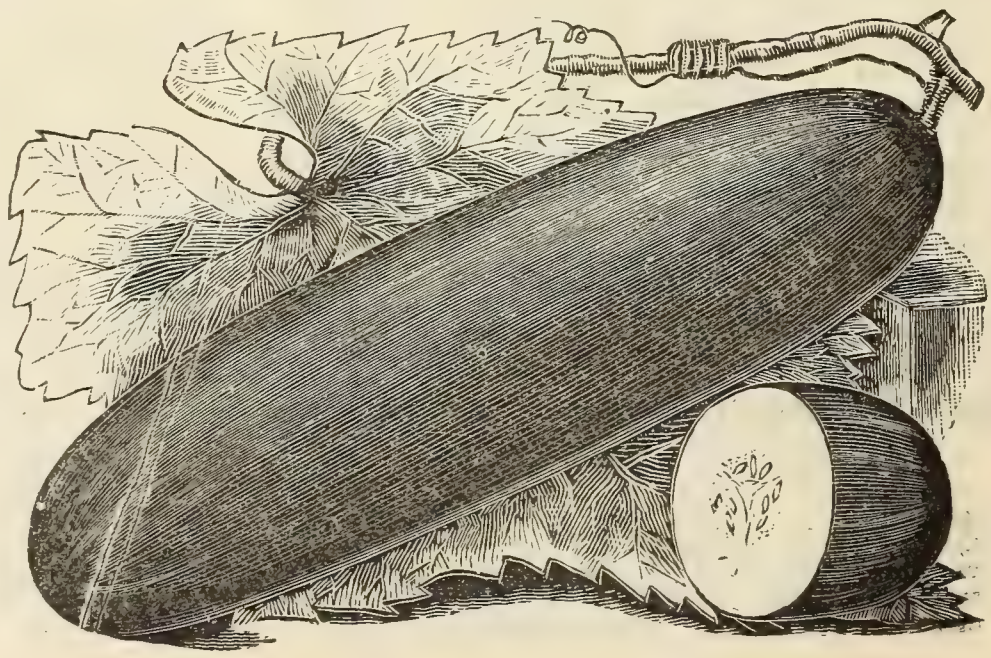
Kendel's Early Giant Sweet Corn is an article of real merit, and hence it gives us pleasure to offer this variety to our customers and we believe will come into general use and will entirely supplant Early Minnesota. Per pkt. 5 cts., pt. 20 cts., qt. 35 cts., pk. 75 cts., bu. $3.00.

The Cumberland Cucumber

This new variety is of the hardy, white spine type, is a rapid, strong and vigorous grower and very prolific in fruit. The pickels differ from all other hardy sorts in being thickly set with fine spines over the entire surface, except the extreme stem end. During the whole period of growth, from the time they first set until fully grown, the form is exceptionally straight and symmetrical, thus being as choice as a slicing variety as it is for pickles. The flesh is firm, but very crisp and tender at all stages. We offer it in full confidence that it will please our customers in every particular. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., 1 lb. 75 cts.

The Emerald Cucumber

THE EMERALD is a seedling of the White Spine and retains every good point in the best strains of White Spine, and possesses that rich dark green color which has been so long sought for. It is strictly an evergreen, retaining its color until fully ripe. On sight, its distinct dark green and spineless skin attracts the attention and admiration of everyone interested. Its fruit sets early and its vigorous vines abound in long, straight, handsome fruits of most desirable qualities. The flesh being peculiarly crisp and tender, and the flavor delicate, highly recommend it as a slicer. The young fruit being dark green, straight and tender, makes an excellent pickle. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.



CUCUMBER

Ger. *Gurken.* Fr. *Concumbre.*

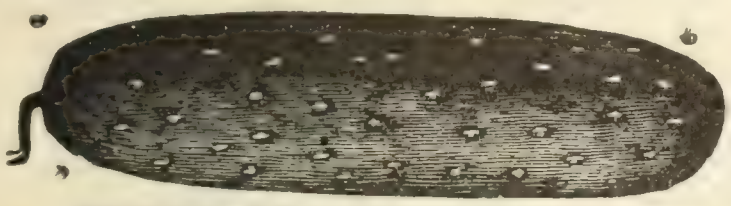
One ounce will plant 60 hills.

Cucumbers succeed best in warm, rich, sandy loamy ground. They should not be planted in the open air until there is a prospect of settled warm weather; about the middle of May. Plant in hills about four feet apart each way. Put ten or fifteen seeds in a hill, half an inch deep, and press the earth smoothly with the back of the hoe. The hills should be previously prepared by mixing thoroughly with the soil of each a shovelful of well rotted manure. When all danger from insects is past, thin out the plants, leaving three or four of the strongest to each hill. The fruit should be gathered when large enough, whether required for use or not, as if left to ripen on the vines, it destroys their productiveness. For pickles, plant from June to middle of July. When small sprinkle the plants, when the dew is on, with ashes or air-slacked lime to protect them from bugs. One pound is sufficient for an acre.

THE KLONDIKE. See Novelties.

DAVIS PERFECT. See Novelties.

LEMON. See Novelties.



Improved White Spine Cucumber.

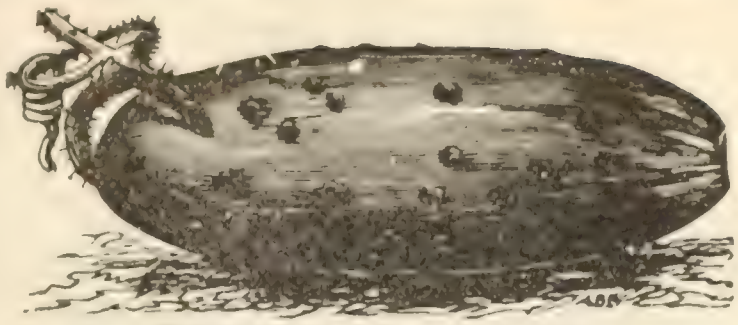
IMPROVED WHITE SPINE or ARLINGTON. For both market use and pickling this variety is now more largely grown than any other. This improved strain is vastly superior to the old White Spine. Market gardeners and pickling establishments have here a cucumber that is admirably suited to their wants. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

EXTRA EARLY SIBERIAN. A fine variety and the earliest cucumber known, producing fruits five inches long, in the open ground from seed in fifty-five days. It will be a surprise for market gardeners and truckers. A splendid free bearer, fruits straight and smooth, flesh tender and crisp. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. $1.00.

EARLY GREEN CLUSTER. A short, prickly, seedy variety, bearing in clusters near the root; color pale green. It is a great bearer and matures early. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

EARLY FRAME, or EARLY SHORT GREEN. Productive of vigorous growth early, fruits medium and straight. Popular for both table use and pickling. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

THE EVERBEARING. This variety is of small size, very early, enormously productive and valuable as a green pickler. The vines continue to flower and produce fruit whether the ripe cucumbers are picked off or not, in which respect it differs from all other sorts. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

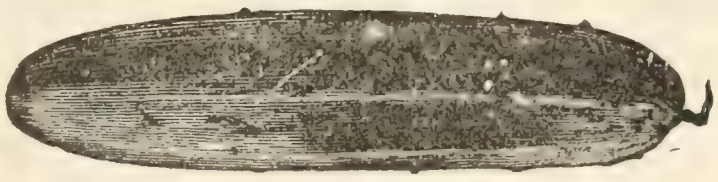


Chicago Pickle Cucumber

IMPROVED CHICAGO PICKLE. This is one of the best varieties for pickles, and largely used by pickle factories. The fruit is of medium length, pointed at both ends with large and prominent spines, color deep green. It is a most prolific variety, beginning to set its fruit when the vines are quite young. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

LIVINGSTON'S EVERGREEN. This is one of the most prolific of all varieties. Thus cucumber possesses every qualification of a perfect pickle sort. Very hardy and evergreen, withstanding drouth, and bearing until frost. A very strong grower, but early and the best in flavor, bearing firm, crisp fruit, either for pickling or slicing. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. $1.00.

NEW PARIS PICKLING. A very desirable sort. The fruit is very long, slender, densely covered with fine prickles and deep, rich green in color. The flesh is very crisp and tender, making it one of the best for slicing as well as for pickles. The vine produces its fruit in clusters and is enormously productive. It surpasses all others in pickling qualities. Per pkt. 5 cts., oz. 10 cts., ¼ 30 cts., lb. $1.00.



Improved Long Green Cucumber

IMPROVED LONG GREEN. A distinct variety; when full grown sometimes measuring nearly 18 inches in length; form long and slender, with but few seeds; flesh remarkably firm and crispy, a standard variety for pickling, very productive, and better than most varieties of Long Green. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

GHERKIN or BURR. The Gherkin is seldom served at table, sliced in its crude state. It is principally grown for pickling; is the smallest of all varieties, and should always be picked while young and tender, and put in salt water until wanted for pickling. Per pkt. 5 cts., oz. 20 cts.

Inclosed find our order for seeds. We have used your seeds for several years and find that you put more seeds in a packet than any other firm that we have tried, and they are always sure to grow if planted right. Belle Calhoun, Mercer Co., Mo.

EGG PLANT

Ger. *Eierpflanze.* Fr. *Aubergine.*
One ounce will produce 1000 plants.

Sow the seed in March or April in a hot-bed, or for family use, in a shallow box, in a warm window. Transplant in open ground after the weather has become warm and settled, in rows two feet apart each way. They require a rich soil and as favorable location for warmth as the garden will afford.

NEW YORK IMPROVED PURPLE. The leading market sort, very large and smooth; fine dark color; very prolific and of excellent quality. This strain has given the greatest satisfaction to market gardeners everywhere. Per pkt. 5 cts., oz. 25 cts.

EARLY LONG PURPLE. Much hardier and earlier than the large round purple, succeeding further north. Fruit from six to ten inches long. Per pkt. 5 cts., oz. 20 cts.

ENDIVE

Ger. *Endiviene.* Fr. *Chicore.*

Endive is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use, or for late use in June or July. When two or three inches high transplant into good ground, or thin out to one foot apart. When full grown blanch the inner leaves by gathering and tying up the outer ones at the top; but tie up only when the leaves are dry.

MOSS CURLED. From the density of its foliage this variety is heavier than the Green Curled, but is equally agreeable as a salad, and its appearance, either green or blanched, is particularly handsome. Per pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

BROAD LEAVED BATAVIAN. Has broad, thick, plain, or slightly wrinkled leaves. It is principally used for cooking, and making a larger head, is preferred for stews and soups. If blanched it makes an excellent salad. Per pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

GOURD

Cultivated same as squashes; plant ten to twelve feet apart both ways and thin to two plants in a hill. They can be started on sods, in a hot-bed early in April, or planted in the open ground by the middle of May.

SUGAR TROUGH. These gourds are useful for many household purposes. They grow to hold from five to ten gallons each. The shell is very hard and durable. They are much used for making buckets, baskets, lard-kegs, bird-houses, nest-boxes, sugar-troughs, etc. Saw them open in the fall and turn them upside down, and the pith will decay and come out by spring. Per pkt. 5 cts., oz. 15 cts.

JAPANESE NEST EGG. As they exactly resemble in color, shape and size, the eggs of hens, and do not crack, and are not injured by cold or wet, they make the very best nest eggs. By using them many eggs can be saved. The plant grows very rapidly, and is very useful in covering screens, and quite ornamental. Per pkt. 5 cts.

DIPPER GOURD. This is useful for many household purposes and for dipping lard, syrup, etc. When grown on the ground the stems will be curved, while if raised as a climbing vine will cause the stem to grow straight. Per pkt. 5 cts.

GARLIC

Ger. *Knoblack.* Fr. *Ail.*

THE GARLIC. Is the most pungent in taste and has the strongest odor of all the Onion family. It is largely used in the south of Europe, where it is esteemed for flavoring soups, stews, etc. The root or bulb is composed of many small bulbs called "cloves," which are planted in the spring, about six inches apart; the tops die in August, when the bulbs are ready to gather. Bulbs ¼ lb. 15 cts., lb. 40 cts.

KOHL-RABI

Ger. *Kohl-Rabi.* Fr. *Chou Rabi.*
One ounce will sow 150 feet of drill.

Sometimes called Turnip-Rooted Cabbage. Sow in April for early use; and for fall and winter use in June and July; in rows two feet apart, and thin from eight to twelve inches apart in the row. Preserve bulbs over winter same as turnips.

EARLY WHITE VIENNA. Flesh white and tender, the best for forcing for market. Excellent for table use. Per pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts.

EARLY PURPLE VIENNA. Same quality as the above except in color. Per pkt. 4 cts., oz. 15 cts., ¼ lb. 50 cts.

LEEK

Ger. *Lauck.* Fr. *Poirean.*
One ounce will sow 100 feet of drill.

This is a vegetable especially desirable for soups, many consider its flavor better than onions; sow the seed in April, in drills one foot apart, and thin out to four inches apart, or sow in a seed bed and transplant into rows; thorough culture is necessary to produce large roots.

BROAD LONDON FLAG. A large and strong plant with broad leaves growing on two sides, like the Flag. This variety is largely cultivated. Per pkt. 4 cts., oz. 10 cts., ¼ lb. 30 cts., lb. $1.00.

MUSTARD

It is very refreshing when in its green state mixed with salads and for that purpose alone is worthy of cultivation. Its culture and treatment are the same as recommended for Cress.

GIANT CHINESE. Highly esteemed for salads The leaves are twice the size of the ordinary White Mustard, flavor sweet and pungent. Per. pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

WHITE OR YELLOW. Best for salad or culinary purposes. Per pkt. 4 cts., oz. 7 cts., ¼ lb. 15 cts., lb. 35 cts.

HORSE RADISH

They can be grown easily in your own garden, plant the sets in rows 18 inches by 2 feet apart. It does best in rich loose soil, set slanting the small end down and cover about two inches deep. Small Roots, per dozen, 20 cts., 50, 50 cts., 100 85 cts., postpaid.

LETTUCE

Ger. *Salat.* Fr. *Lattue.*
One ounce will sow 200 feet of drill.

Lettuce covets a rich, mild soil. Sow as early in the spring as the ground can be worked, and every two weeks for a succession, thinly in drills one foot apart; when up thin to eight inches apart, so as to form good heads; it may also be sown broadcast if preferred.

MAY KING. See Novelties.

CRISP AS ICE. See Novelties.

IMMENSITY. See Novelties.

GRAND RAPIDS. This forcing variety stands more neglect in the way of watering and ventilation, will grow more weight on the same ground and will stand longer after it has matured; a strong grower, very crisp and tender and not apt to rot and will keep from wilting longer while exposed for sale than any other sort. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

EARLY CURLED SIMPSON. This variety does not head, but forms a compact, close mass of leaves; the earliest and leading market sort. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

BLACK SEEDED SIMPSON. It is much lighter colored than preceding; it grows nearly double in size, of fine quality. One of the best for forcing or outdoor planting. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

EARLY PRIZE HEAD. One of the best early Lettuces. It forms a mammoth head and remains tender and crisp throughout the season; is prompt to head, but slow to run up to seed; of superb flavor and very hardy. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

BIG BOSTON. This variety is a fine forcing lettuce for cold frames during winter months. The plants are large, very hardy and vigorous, with broad, smooth, thin leaves of light green color. It also heads well in the open ground during cool weather in spring and fall, and has become popular in the south to grow for shipping north. Indoors this forms a solid head, more loose when grown outside. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

CALIFORNIA CREAM BUTTER. It forms round, solid heads, of medium green, slightly marked with brown spots; within, the leaves are of a rich, creamy yellow color, and particularly rich and buttery to the taste. The heads are of good size, compact, very hard and solid. It is medium early, and one of the very best summer varieties of head lettuce. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

THE ICEBERG. There is no handsomer or more solid Cabbage Lettuce in cultivation. The large curly leaves which cover the outside of the solid heads are a bright, light green, with a very slight reddish tinge at the edges. It matters not whether in the early spring or the hottest days of summer, the quality is simply perfect. So long-standing and hard are the heads that they seldom shoot up to seed unless cut open with a knife. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts. lb. 85 cts.

Hanson Lettuce

IMPROVED HANSON. We have a very fine stock of this popular lettuce, and can recommend it as one of the very best. Heads green outside and white within; grow to a remarkable size, very solid, and are deliciously sweet, crisp and tender, even to the outer leaves. It stands the hot sun better than most other varieties. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

THE WONDERFUL. The largest heading lettuce grown. The large white heads resemble early cabbage in size and solidity, and frequently weigh 2 and 3 pounds each. The variety blanches itself naturally, is crisp, tender and of excellent flavor, and free from bitterness. It stands for a considerable time before running to seed and is one of the best for summer use. Outer leaves a deep rich green, white inside. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

MAMMOTH BUTTERHEAD. Heads large, solid, blanching to white at center. Leaves smooth, thick, brittle, tender and extra fine flavored. Long standing and fine for open ground sowing. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

SALAMANDER or SATISFACTION. This variety, one of the best, forming good sized compact heads; color light green, white on the inside. Its great quality, however, is that it will withstand drought and heat, and remain long in head; to gardeners it is invaluable on account of its heat resisting qualities. Per pkt. 4 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

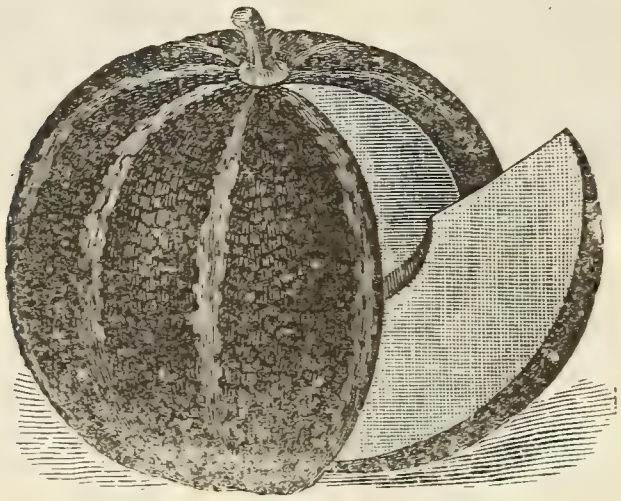
WHITE TRIANION COS. This is the favorite class of lettuce in Europe, and this variety is the very best of its class; already they are becoming popular here. The long, narrow leaves, which form solid heads, bleach and quickly become snow white. They excel all other Lettuces in quality, having a taste and crispness unequalled. Per pkt. 4 cts., oz. 10 cts.

MIXED LETTUCE SEED. Several varieties mixed in one package, good for family use. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

I receive catalogues from 10 to 12 houses but my choice is Cole's seeds, as for the last four years I have always found yours reliable, and I have recommended you to all my neighbors for years.—Chas. Knolhoff, Lincoln Co., Mo.

MUSK MELON

A rich, sandy loam is most advisable for melons. The seed should be planted in hills five or six feet apart each way; thoroughly mixing with the soil in each hill a couple of shovelfuls of thoroughly rotted manure, which will produce a strong and healthful growth; plant when the earth becomes warm, in as warm a situation as can be found; put in ten or twelve seeds in each hill, and after they are out of danger from bugs, thin out to three or four plants; when small, dust with ashes or air-slacked lime, when the dew is on, to protect from bugs.



Emerald Gem Musk Melon

EMERALD GEM. This variety is early, very prolific and hardy, and the most delicious melon grown. Skin smooth and of an emerald green; flesh very thick, of a salmon color. It is very juicy and rich. The flavor is sweet and luscious beyond description. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

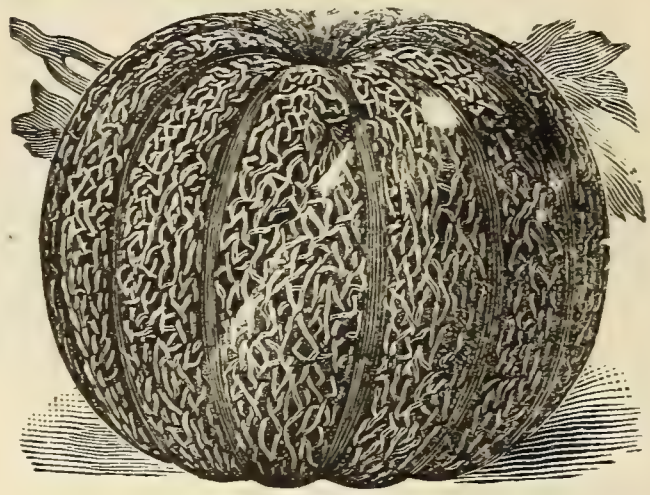
MILLER'S CREAM OR OSAGE. Ranks high as a market melon, either for home or shipping. The flesh is of a rich, salmon color, very sweet and melting in quality, and is so very thick that the melon is almost solid. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

EARLY GREEN NUTMEG. The standard sort; fruit oval, good size, thickly netted flesh light green, rich, sweet and melting. Pkt. 4 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

BANANA. An entirely distinct variety bearing long, slender, banana-like fruit; skin creamy white and entirely free from netting; flesh deep salmon color, thick and of good quality. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

BURRELL GEM. This melon comes from the melon-growing district, which was made famous by the Rocky Ford Musk Melon, of which this is a counterpart, except in color of flesh, which is a beautiful dark salmon or orange. If you want a delicious melon for home use or you desire a variety which will bring a fancy price on the market, this we can recommend. The melons grow to a desirable size, have slight rib and close netting. Skin is rather dark green and rind thin, leaving a thick lining of flesh which is of a most delicious juicy flavor, and fairly melts in the mouth. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

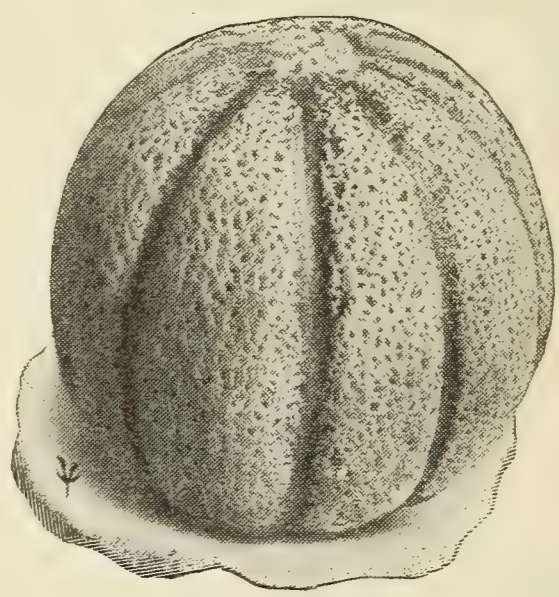
Herewith I am enclosing an order for seeds. I know of the reliability of your seeds through my father, as he missed ordering from you only one year in thirty and there has been only one slight mistake in all these years.—Mrs. C. E. Bolzell, Stanton, Nebraska.



Extra Early Hackensack

EXTRA EARLY HACKENSACK. A selection of the old Hackensack, which it resembles, but is fully ten days earlier. The melons weigh from four to ten pounds and are of excellent flavor. It is one of the best, as well as the earliest, hardiest, and most prolific of the netted musk melons to grow for market or family use. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

YELLOW MEATED JAPAN. The introducers claim this to be one of the finest, most delicious muskmelons grown. It is far superior to any other variety, either green or yellow fleshed. The vines are hardy, very prolific and produce large fruits quite early, the melons are nearly round, the skin skin yellowish white when ripe. The crowning feature of this melon is found in the thick, melting luscious salmon colored flesh. It is extremely rich, sweet and highly flavored. Gardeners find this a big seller among the trade. Per pkt. 5 cts., oz. 15 cts.



Hoodoo Musk Melon

HOODOO. A new orange fleshed variety, ideal as a shipping melon and of the very finest quality. The vines make a strong and vigorous growth, remarkably blight resisting and very productive. Fruits of medium size, averaging about two pounds in weight. Rind thin, yet very firm, so that melons arrive in perfect condition in distant markets. Flesh very thick, firm, highly colored, of fine texture and delicious flavor. A first-class medium size table melon.

Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

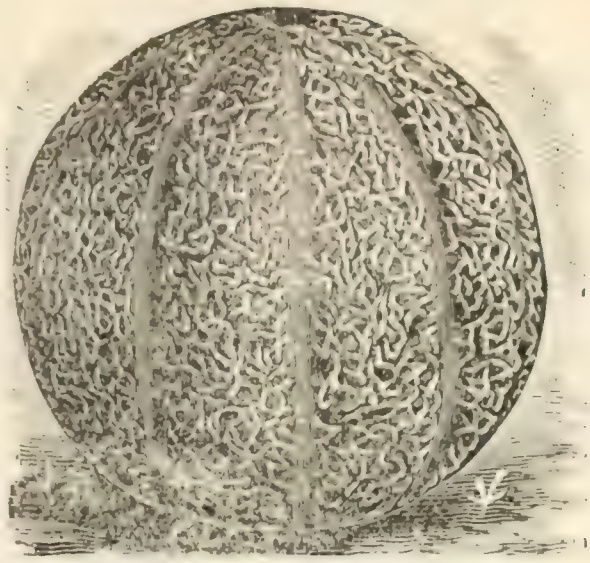
Rocky Ford Musk Melon

ROCKY FORD. In the past few years the melon growers of Rocky Ford, Colorado, have shipped immense quantities of this variety to all the large cities of the United States, where they have been in great demand by the high class hotels and restaurants. These delicious melons have made a great reputation for high quality. The melons are of just the right size for table use, slightly oval in shape. The flesh is thick, of a light green color, and of a fine, juicy, luscious flavor. It is very early and wonderfully productive. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 65 cts.

Tip Top Musk Melon

TIP TOP NUTMEG. This new yellow-fleshed melon we recommend to every lover of this luscious fruit and to every gardener who grows for the market. It is of the very best quality, every melon produced, big or little, early or late in the season, is a good one. They are sweet, juicy, of finest flavor, eatable to the very rind. It is a strong grower and a heavy yielder and of handsome appearance. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

We have planted your seeds for quite a number of years and found them true to name, of strong vitality, and packets well filled. Would recommend them to every one in preference to store seeds.—M. E. Woodnow, O'Brien Co., Iowa.



Early Netted Gem Melon

EARLY NETTED GEM. This variety has become very popular as a market melon in the Western cities. Shipped in baskets in immense quantities. They grow remarkably uniform, weighing from one and a quarter to one and a half pounds each. They are thick-meated, the flesh is light green in color, and uniformly of fine, luscious flavor; skin green, regularly ribbed and thickly netted. Very prolific and extra early in ripening. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

WINTER PINE-APPLE. This variety is of a decidedly distinct appearance, the outside skin being deeply corrugated, with thick flesh and small seed cavity. The flesh is light green, melting, and of a rich aromatic pine-apple flavor. But the most remarkable and valuable feature of this new Melon is its wonderful keeping qualities. They do not ripen on the vines as other musk melons, but are picked before hard frost and laid away in a cool, dry cellar, where they will keep sound and sweet for months. When wanted for use they must be brought into a warm room, where they will ripen up in a few days. These qualities will enable market gardeners to supply both families and restaurants with most delicious Melons all winter. Per pkt. 5 cts., oz. 20 cts.

VINE PEACH or MANGO MELON. The fruit is about the size of a large peach, and of a bright orange yellow color, somewhat russeted. When it first ripens it is quite hard, but soon they become mellow and sweet, and have a rich flavor. When ripe the fruit falls from the vine; the flesh is very firm with a small cavity in the center, and when peeled and the seeds taken out they much resemble peaches. A few pieces of sliced lemon or a little lemon essence adds to their flavor and is usually desirable. They are easily cultivated, wonderfully prolific, and can be used in every way in which you would use a peach. Pkt. 5 cts., oz. 20 cts.

GARDEN LEMON. It resembles the Vine Peach in manner of growth and shape of fruit but is distinct in color, and when ripe is not russeted like the Vine Peach. Fruit is somewhat smaller than Vine Peach, has thinner flesh and is most decidedly more acid, thus dispensing with the sliced lemons which are so important in putting up the Vine Peach. Pkt. 5 cts., oz. 20 cts.

ORNAMENTAL POMEGRANATE. An exceedingly interesting novelty, and very ornamental. The fruit is almost round, with distinct markings. Grows on a pretty vine; fruit orange yellow, slightly striped, and sometimes spotted red; varying from the size of a small peach to that of an orange. Very fragrant, sweetly perfuming the room with their exquisite odor for days. Very prolific and easily grown. Plant and cultivate same as for musk melons. **Per pkt. 5 cts., oz. 25 cts.**

WATER MELONS

Ger. *Wasser Melone.* Fr. *Melon d' Eau.*

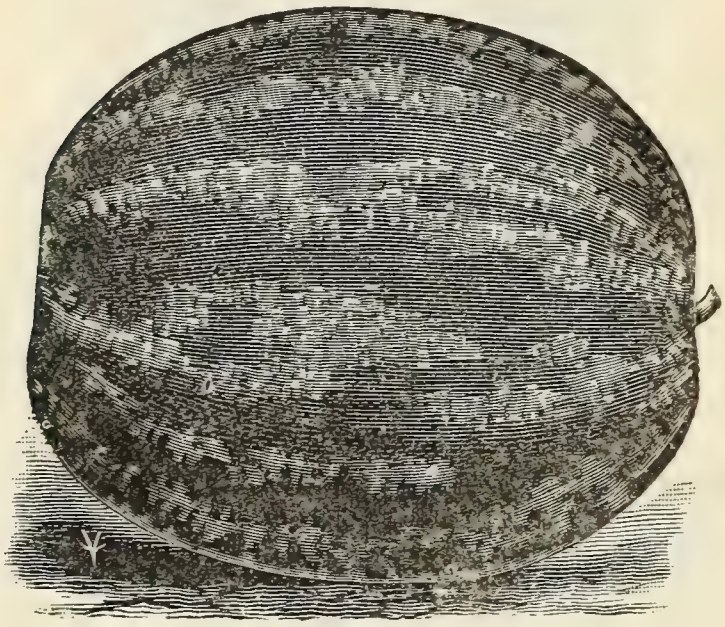
One ounce will plant about 40 hills.

Water Melons require a rich though rather sandy soil for best development, and thrive best in a warm sunny exposure. Plant in hills eight to ten feet apart each way, and cultivate like the musk melon. To secure the largest fruit, have but one or two melons to a vine.

TOM WATSON. See Novelties.

HALBERT HONEY. See Novelties.

NEW CHILIAN. See Novelties.



Cole's Early Melon

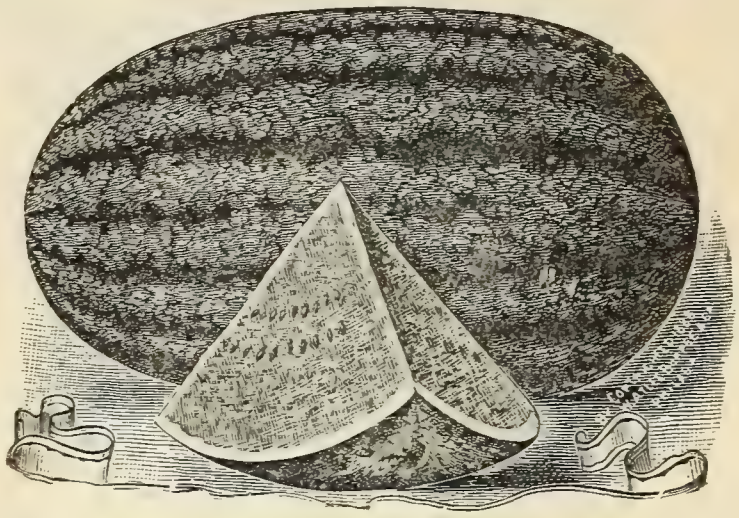
COLE'S EARLY. This is the finest every-day Melon ever offered for the amateur and for the home-market. Being somewhat brittle, will not do for shipping purposes. It is very early and will mature in every state; very hardy, vigorous and a sure cropper. It is sweet and delicate in texture of flesh, which is a deep red color, the rind is thin and the quality of flesh is sustained clear to the rind. The melons are of medium size, nearly round in shape, rind green, striped with lighter shades. As this variety combines all the desirable qualities of the best melons, it can be highly recommended for home use. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

HUNGARIAN HONEY. This variety is of a very rich honey flavor, richer and sweeter to the taste than others. Flesh brilliant red color and stringless, completely melting in the mouth. The melons ripen early, the vines are strong and healthy, and very productive. Fruit medium size. Per pkt. 5 cts., oz. 8 cts., ¼ lb. 25 cts., lb. 75 cts.

FLORIDA FAVORITE. An excellent variety of large size. Shape oblong, skin mottled with alternate dark and light stripes; rind thin but firm, flesh bright crimson, very crisp and delicious sweet. Per pkt. 5 cts., oz. 8 cts., ¼ lb. 20 cts., lb. 65 cts.

MOUNTAIN SWEET. One of the very best for general culture; rind thin and dark green; flesh red, solid, and very sweet. Per pkt. 4 cts., oz. 7 cts., ¼ lb. 15 cts., lb. 60 cts.

SWEET HEART. An entirely distinct Melon. Vine vigorous and productive, ripening its fruit early. Fruit large, oval, very heavy, uniformly mottled light and dark green, rind thin but firm, flesh bright red, solid, but very tender, melting and sweet. Remains in condition for use longer than any other sort. This melon is sure to become one of the most popular sorts in cultivation. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.



Cuban Queen

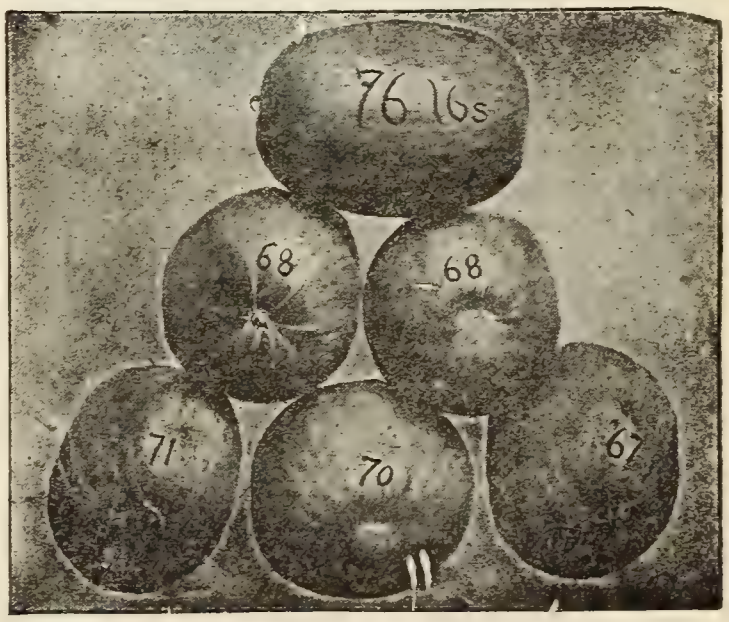
CUBAN QUEEN. The vines are very strong, healthy and vigorous in growth. The flesh is bright red, solid, peculiarly luscious, crisp and sugary. It is an excellent keeper, very thin rind, enormously productive, and very heavy, having been grown to weigh 100 pounds. Per pkt. 5 cts., oz. 8 cts., ¼ lb. 20 cts., lb. 60 cts.

PEERLESS or ICE CREAM. One of the best Melons in cultivation. Of medium size, thin rind, light mottled green; flesh bright scarlet, solid to the center, crisp, melting and sweet as honey. Per pkt. 5 cts., oz. 8 cts., ¼ lb. 20 cts., lb. 60 cts.

THE TRIUMPH. Mr. Girardeau, the originator, describes this melon as follows:

"It is early, prolific, and averages very large. As a market melon it has no competitor for first place in the list of shipping and selling melons. Its fine appearance makes it a ready seller in any market. Where it has been planted for long distance shipping in comparison with other varieties, it has distanced them all. The rind is of dark green color. The average size of the melon is very large, weighing over forty pounds each. The flesh is red, very solid, melting and sweet." Per pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

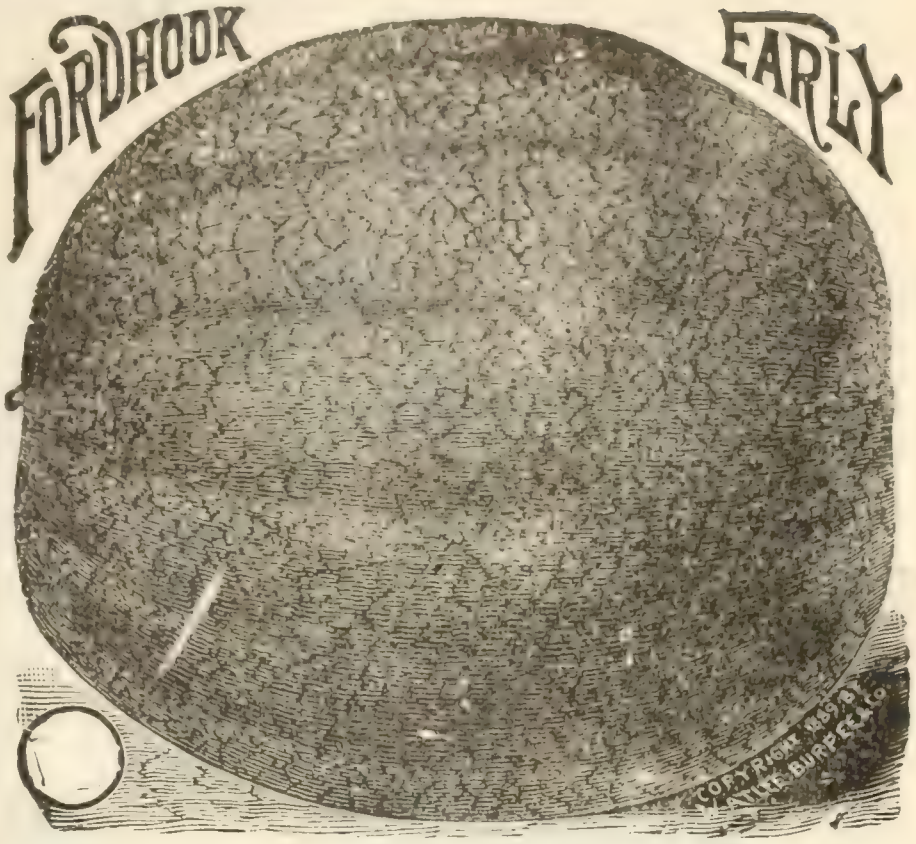
COLORADO PRESERVING. An improvement on the green preserving melon; enormously productive, and of better quality, and making very clear, transparent preserves, of fine flavor. Directions for cooking and preserving inside each packet. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.



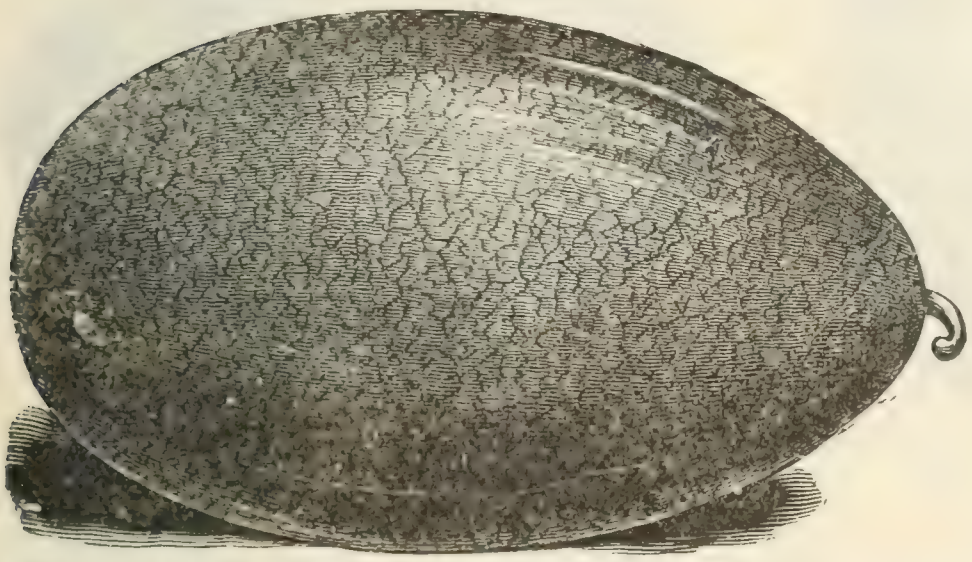
Triumph Melon

FORDHOOK EARLY WATER MELON

This new melon has proven itself to be the earliest. We have had early melons of good quality, but this is the FIRST EXTRA EARLY WATER MELON of fine quality that is also of large size. From seeds planted on the tenth day of May, large ripe melons were picked the last day of July, demonstrating its inbred character of maturing extra early. The form is nearly round. The average weight of the melon is from twenty-five to thirty-five pounds each—a size rarely attained by any other extra early melon under favorable conditions. The rind is tough, making it a valuable variety for shipping; the outer color is a uniform medium green, the seeds are white; the flesh is bright red and very sweet. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.



KLECKLEY SWEETS WATER MELON
OR MONTE CRISTO

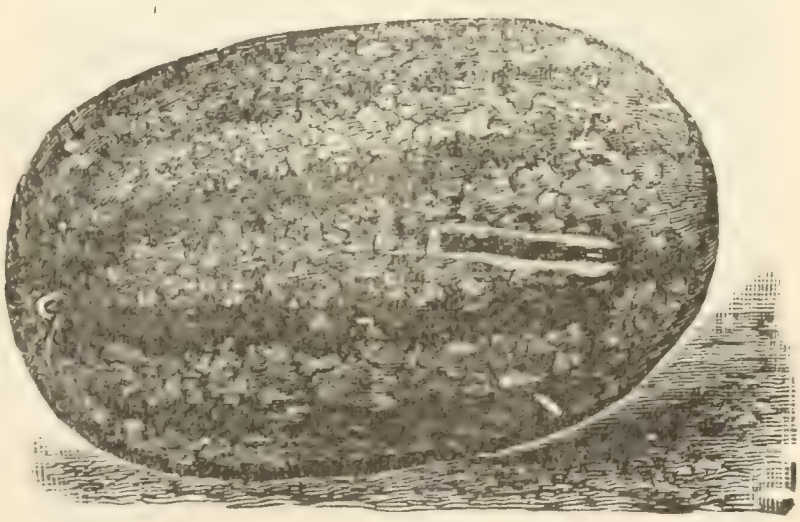


The introducer says: "In our extensive trials of watermelons, we fail to find any of so uniformly fine quality as the Kleckley Sweets. It is the unanimous verdict of growers that it is the finest of Water-melons for home use or nearby market. The only drawback to the variety is that the fruits are too tender to stand shipment. The vines are strong and vigorous and the fruits grow uniformly to quite large size; oblong in form. The skin is a rich dark green, while the flesh is bright scarlet, ripening close to the skin, the rind being only about one-half inch in thickness. Large solid heart, which does not crack open when ripe, as is the case in many large Melons. The rich, scarlet flesh is crisp, sugary, and melting to the highest degree, being entirely free from any stringiness.

Per pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

McIVER'S SUGAR WATER MELON

This new variety is sent out by Mr. Maule as the WONDERFUL SUGAR MELON, its delicious melting flavor surpassing every known variety. It originated on the plantation of Col. McIver of South Carolina, who has been growing it in preference to all other sorts, seed originally coming from the West Indies. One of the greatest excellencies of this Melon is its ability to withstand wet weather. All those who have grown it, embracing among them many of the most celebrated melon growers, unanimously endorse McIver's Sugar without exception as the most perfect and thoroughbred melon they have ever raised, and in flavor far ahead of anything they ever conceived of in a water melon. Per pkt. 5 cts., oz. 10 cts., ¼ lb. lb. 60 cts.



ONION

Ger. *Zwiebel.* Fr. *Ognon.*

One ounce will sow 150 feet of drill; four pounds will sow an acre.

In no vegetable, with the exception of cabbage, does this value of the crop raised depend more directly on the quality of seed than the onion.

Cole's Reliable Onion Seed is all grown from choice selected bulbs, and has no superior. The stock we offer is sure to grow where soil and season is favorable, and sure to produce an abundance of well-shaped bulbs. Beware of poor seeds at low prices. The Red and Yellow varieties are best for main crops.

A rich, light, mellow loam is best to insure successful onion raising, and may be cultivated to the same crop year after year. The ground should be thoroughly enriched with fine, decomposed manure, and be deeply spaded or plowed, harrowed and pulverized, the surface being raked free from stones and hard lumps. The main crop should be sown as early as the ground may be in working condition. Sow in drills 14 inches apart, and half an inch in depth, at the rate of four pounds to an acre. Keep clean by frequent hoeing and weeding; observe not to hoe deep, for the more onion rises out of the ground the finer it is and better it keeps. The onion will ripen in August or early in September, and their full maturity will be indicated by the perfect decay of the leaves or top. The bulbs may be drawn from the drills by hand, or by the use of a common garden rake. After being exposed for a few days to the sun for drying, they will be ready for storing or the market.

For Pickles or Sets. Good ground should be prepared as above, and seed should be sown very thickly in broad drills, about forty pounds to the acre.

A treatise, entitled "Onion Culture," and how to grow them, by mail prepaid for 25 cts.

Danvers Onion

YELLOW GLOBE DANVERS. A standard variety, of large size; globular in form; skin yellowish brown; flesh white, mild and well flavored; very productive; one of the most popular kinds in cultivation. Largely used for growing sets. Per pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. $1.25. If 4 lbs. or more are wanted ask for special rates.

EXTRA EARLY PEARL. This is one of the earliest of all white varieties. It grows to a fair size; of pearly white color, flesh of a pure snow-white and flavor very mild. It grows with wonderful rapidity. A splendid keeper, succeeding everywhere, and requiring only thin soil. Per pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. $1.50.

EXTRA EARLY RED. Rather smaller and more flat-shaped than the Large Red; close-grained and heavy. It is mild in flavor, a good keeper, and very productive; fit to be gathered the last of July; very desirable for early market use. Per pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. $1.50.

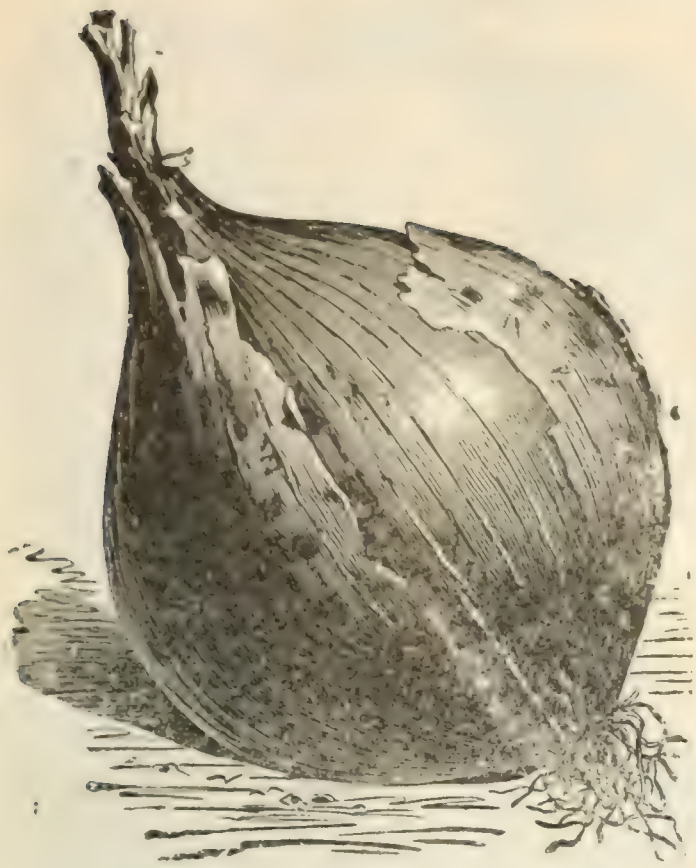
Wethersfield Onion

LARGE RED WETHERSFIELD. The standard sort; best for main crop. Large size, of a purplish red color; round or oval shaped, fine grained, pleasant flavored and productive. It ripens in September, an excellent keeper. Per pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. $1.25. If 4 pounds or more are wanted ask for special rates.

SOUTHPORT LARGE RED GLOBE. Similar to the Large Red in color and flavor, but quite distinct in form, being nearly globular; it is a heavy cropper, and is much prized by many as a market variety. Per pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. $1.50.

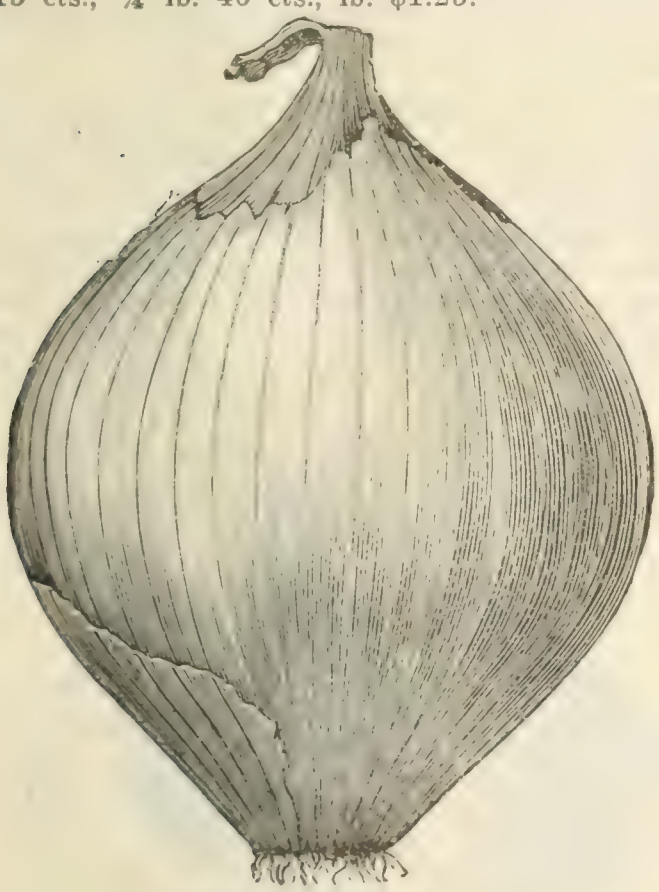
SOUTHPORT WHITE GLOBE. A large globe-shaped onion; firm, fine-grained, of mild flavor; keeps well. This is one of the handsomest onions grown, of beautiful shape, clear white skin and commands the highest market price. Per pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. $2.00.

WHITE PORTUGAL, or SILVERSKIN. Very desirable for family use; flavor mild; skin silvery white; of handsome appearance; highly esteemed for pickling, also for market in early winter. This is the variety of which White Onion sets are grown. Per pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts., lb. $1.75.



Mammoth Prize Taker Onion

MAMMOTH PRIZE TAKER. This has proved to be an excellent keeper of finest flavor, handsome shape and enormous size, many single onions have been raised to weigh 5 lbs., from seed the first year. It is of the same type as those immense imported onions which can be seen in fruit stores and always command a very high price. The Prize Taker grows always to a perfect globe shape, with bright, straw-colored skin, the necks are very small and the onion always ripens up hard. Per pkt. 5 cts., oz., 15 cts., ¼ lb. 40 cts., lb. $1.25.



Ailsa Craig

AILSA CRAIG. One of the largest of onions. It is a very handsome, oval shaped variety with pale straw-colored skin, flesh snow-white, delicious in flavor, in fact is equal in every respect to the popular Spanish onions. Twelve bulbs have been known to weigh thirty pounds. To attain its largest size it should be sown early in spring in the hot bed and later be transplanted. It is a good keeper for a large onion, and for eating raw we can recommend it for its mild pungent flavor. When this variety is better known it will rank among the most popular sorts. Per pkt. 10 cts., 2 pkts. 15 cts., oz. 25 cts.

White Pickling Onion

WHITE PICKLING, or Hard Round Silver Skin. Produce uniformly small, round and handsome onions with an opaque white skin that does not turn green by exposure to the sun. The onions are very compact and hard, but at the same time crisp and brittle; altogether the best pickling onion. Per pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. $1.50.

MAMMOTH SILVER KING. This variety grows to a remarkable size. Bulbs are of attractive form, flattened, but thick through. Single bulbs often attain weight of from 2½ to 4 lbs. each. The skin is a beautiful silvery white; the flesh is snow-white, and a particularly mild and pleasant flavor. It matures early and is uniformly large and perfect form. Per pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. $1.50.

AUSTRALIAN BROWN. This variety is of medium size, wonderfully hard and solid, and most attractive for market. They are extremely early in ripening, and never make any stiff-necks or scallions. Every seed seems to produce a good-sized onion, and the bulb begins to form very quickly. It has the reputation of keeping indefinitely, and we think from its firmness and hardness that it will keep in good condition longer than any other onion known. The color of the skin is a clear amber-brown. Per pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. $1.25.

EARLY WHITE QUEEN, or BARLETTA. This is a very early, small, pure white variety; flesh is firm and mild in flavor. Its extreme earliness and fine quality cannot fail to make it a favorite in every garden. Both for table use and for pickling it is most valuable. Per pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts., lb. $1.50.

ONION SETS

Sets furnish large onions early, as well as the first green onions for table use. Plant the sets as early in the spring as possible, in shallow drills, one foot apart, and four inches between sets. Cover slightly. They can be used in a green state in June, and are ripened off by July. One quart of sets is needed for forty feet of drill.

WHITE MULTIPLIER SETS. These are of a pure silvery white color, enormously productive, frequently producing as many as twenty bulbs in a single cluster, of excellent quality and size for bunching green, or can be ripened for use as pickling onions. Good keepers, having kept perfectly sound for a year, but their most important quality is extreme earliness. Per pt. 15 cts., qt. 30 cts., by express, ½ pk. 50 cts., pk. $1.00.

YELLOW BOTTON SETS. Per pt. 15 cts., qt. 25 cts., by express, pk. 75 cts.

RED BOTTOM SETS. Per pt. 15 cts., qt. 25 cts., pk. 75 cts.

WHITE BOTTOM SETS. Per pt. 15 cts., qt. 25 cts., pk. $1.00.

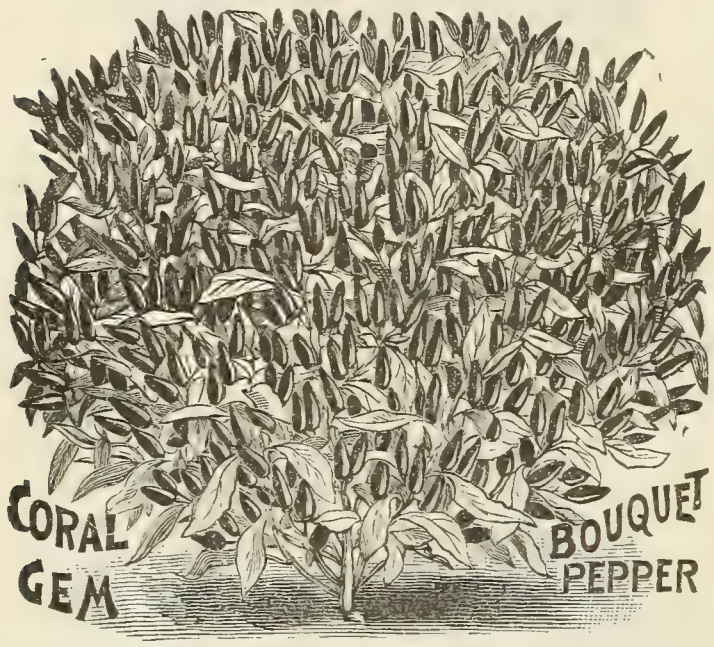
TOP or BUTTON SETS. Per pt. 15 cts., qt. 30 cts., by express, pk. $1.00. Price of onion sets is variable and subject to change; price per bushel on application.

PEPPER

Ger. *Pfeffer.* Fr. *Piment.*

One ounce will produce 1,500 plants.

Pepper is highly valued for the pungent flavor and is used in seasoning soups, meats, etc., also used for pickles and mangoes. Early in the spring sow the seed on a gentle hotbed, or in a box placed near a window, in a warm room, and transplant early in the summer or sow in a warm spot of the garden about the middle of May and transplant them when about two inches high, in rows 18 inches apart and 18 inches in the row.



CORAL GEM BOUQUET. The finest of the small sized varieties. Its beautiful little pods of shining red color are so thickly set as to give it the appearance of a boquet of coral. The plant grows 24 to 30 inches high, so densely set with pods as to bend its branches down. So many desirable qualities are combined in this, it will undoubtedly become popular as well as profitable in the manufacture of pepper sauce. Per pkt. 5 cts., oz. 25 cts.

LARGE BELL, or BULL NOSE. Of large size; very early, of sweet, mild flavor, glossy red; rind thick and fleshy. Per pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

RED CHILI. Small, cone-shaped, very pungent. Ripe and green pods are used as pickles; also for making pepper sauce. Per pkt. 4 cts., oz. 25 cts.

Ruby King Pepper

RUBY KING. This pepper attains a large size. The fruit is from 6 to 8 inches long by 4 inches through, of a bright ruby red color. They are remarkably mild and pleasant in flavor, free from any hot taste. They can be sliced and eaten with vinegar like tomatoes and make a very pleasant salad. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

CHINESE GIANT. This is one of the largest and finest peppers in existence. The extremely large size of the peppers is a great surprise to all who grow them. The plant is a strong grower, and a prolific bearer. The flesh is quite thick, and very mild, fruit of a bright scarlet color when ripe. Per pkt. 5 cts., oz. 25 cts.

MAMMOTH GOLDEN QUEEN. This variety is wonderfully productive, of perfect shape, and uniform large size; growing from 15 to 20 perfect fruits, from 8 to 10 inches long, and 4 to 6 through on a single plant. They are so mild in flavor they can be eaten like tomatoes. with pepper and vinegar. Per pkt. 5 cts., oz 20 cts.

SWEET MOUNTAIN. Similar in shape to the Large Bell but of a much larger size; rind thick, fleshy and tender; much used for pickling, stuffed like Mangoes. Per pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

LONG RED CAYENNE. From 3 to 4 inches long, of a bright red color, very productive, hot and pungent, the best for seasoning pickles. Per pkt. 5 cts., oz. 20 cts., ¼ lb. 65 cts.

RED CHERRY. An exceedingly ornamental variety; fruit round, of a rich glossy scarlet color; used for pickles and making pepper sauce, of piquant flavor. Per pkt. 5 cts., oz. 25 cts.

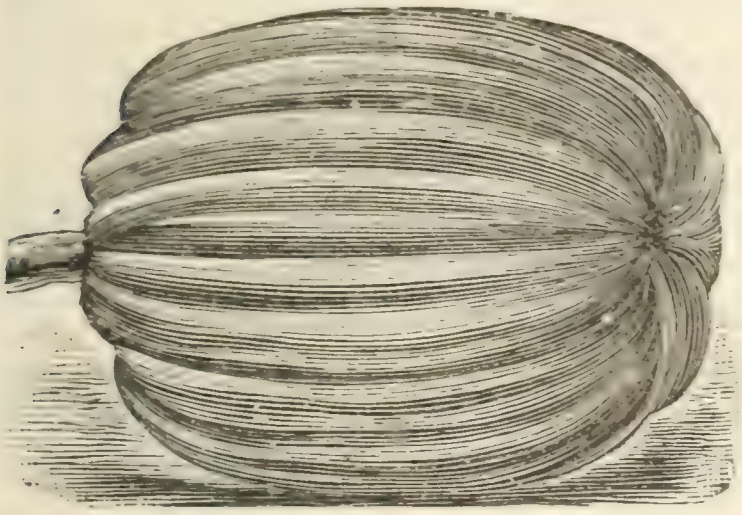
Sweet Mountain Pepper

PUMPKIN

Ger. *Curbis.* Fr. *Courge.*

One ounce will plant about 15 hills.

Principally used for agricultural purposes, but there has been a great improvement in the varieties during the past few years and many sorts are fine table varieties. They are easily grown and are profitable for stock feeding. At time of corn planting scatter a few seeds in every fourth or fifth hill, or for a large crop plant in May, in good warm soil in hills eight to ten feet apart each way, four plants to the hill. Avoid planting near other vines as they will hybridize.



SUGAR OR PIE. One of the very best of all Pumpkins for pies. The fruit is of medium size. Flesh yellow and very thick, quite early, surprisingly productive and a rapid and hardy grower. The finest for pies, making good ones even when eggs are not used. It is a ready seller. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

QUAKER PIE. This variety is of a creamy color both inside and out. The vines are very hard and prolific, always yielding a certain crop. It is early and keeps late. Its chief value is for "Pumpkin Pies," being fine grained and rich flavored. It has none of the coarse and stringy character so common to other varieties. One of the very best keepers. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

TENNESSEE SWEET POTATO. Grows to medium size, flesh thick, fine grained, dry and brittle, and of most excellent flavor. Hardy, very productive, and keeps perfectly sound until late in the spring. Has no equal for making pies and custards. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

WINTER LUXURY. This pumpkin is pronounced by hundreds the very best pumpkin for pies they have ever known. It grows uniformly to a diameter of ten to twelve inches, and is enormously productive. In color it is a beautiful golden yellow, very finely and closely netted. As a winter keeper and cooking variety it stands alone. Per pkt. 5 cts., oz. 10 cts., ¼ lb., 20 cts., lb. 75c.

IMPROVED CUSHAW. This is the Cushaw of "ye olden times," and is a great favorite for its many good qualities. Of large size, often weighing 70 pounds. Flesh salmon colored, thick and of fine quality. Per pkt. 4 cts., oz. 8 cts., ¼ lb. 15 cts., lb. 60 cts.

Japanese Pie Pumpkin

JAPANESE PIE. The illustration correctly shows the shape and extremely small seed cavity—all the balance being solid meat throughout, which is of extra fine quality. It is a very productive variety, the pumpkins ripen early, of medium size, good keepers, and weigh 15 to 20 pounds each. The flesh is a rich salmon color, unusually fine grained, and when cooked or stewed is almost as dry and mealy as a sweet potato. For making pies, custards, etc., they certainly have no equal. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

LARGE CHEESE or SWEET. Cheese shaped, in flavor like the Crockneck Squash; yellow fleshed, fine grained and very productive; superior to most field varieties. Per pkt. 4 cts., oz. 7 cts., ¼ lb. 15 cts., lb. 50 cts., by express, 5 lbs. $1.75, 10 lbs. $3.00.

MAMMOTH POTIRON OR KING OF THE MAMMOTHS. It grows to an enormous size three feet or more in diameter, and one to two hundred pounds or more in weight. It has a salmon-colored skin; flesh bright yellow, fine grained and of good quality. It has attracted a great deal of attention, and is a fine variety to exhibit at county fairs, etc. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. $1.00.

CONNECTICUT, or LARGE COMMON YELLOW-FIELD. A very productive large yellow variety, and grown principally for feeding stock. Per oz. 5 cts., ¼ lb. 10 cts., lb. 35 cts., pk. $1.50, bu. $5.00.

PEAS

One Quart will plant 100 feet of drill.

The Pea is extremely hardy; will endure cold, frosty weather without harm, and may therefore be sown very early in the spring. Generally the earliest sown succeed the best. Sow the dwarf varieties in rows two feet apart; those varieties that attain the height of two or three feet in rows three feet apart. The dwarf varieties should be liberally manured; the tall sorts will run too much to vine if too freely manured. Bush the tall kinds when 6 inches high. The height of the Pea depends much on the moisture and richness of the ground. Peas should be covered from four to six inches deep. In dry weather the Pea should be soaked five or six hours before planting and if the ground is very dry, pour water in the drills before sowing the seed. The wrinkled varieties rot more easily than the smooth sorts, and therefore should not be sown so early when the ground is liable to again freeze up, though hardier sorts may with safety. All wrinkled Peas are superior in flavor to the smooth sorts, and they remain much longer in season.

Our **Seed Peas** are of the very best, all **Northern Grown,** and will not fail to please the most critical.

If wanted by express or freight, deduct for postage 8 cts. per pt., 15 cts per qt.

Extra Early Varieties

Those marked with a (*) are wrinkled varieties.

MAUD S., The Earliest Pea in the World; this strong claim is made for the Maud S. besides its extreme earliness, it is a vigorous grower, wonderfully productive, pods numerous and well filled. Its uniformity in ripening makes it the most profitable Pea for the market gardener. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. $1.60, bu. $6.00.

***McLEANS LITTLE GEM.** A dwarf, prolific, green wrinkled marrow; it has all the sugary flavor of late wrinkled peas, besides being very early; it is especially recommended to private growers; 15 inches. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 40 cts., pk $175, bu. $6.50.

THE GRADUS. This New Extra Early Green Wrinkled Pea will soon become one of our most popular varieties. We may now have large tender peas, sweet and delicious, in early June. The Gradus will yield an abundant supply of the most tender wrinkled peas much earlier than any other wrinkled variety, and in out trial grounds they proved to be only three days later than the small extra earlies. It is also the earliest large-podded pea in cultivation. The vine has heavy stems, with large dark green leaves, and grows from 2½ to 3 feet in height. It produces uniformly large pods, measuring from 4 to 5 inches long, well filled with peas of enormous size for such an early variety. Per pkt. 5 cts., ½ pt. 20 cts., pt. 30 cts., qt. 50 cts., pk. $2.50.

EARLY SURPRISE. This new sort is a cross of Earliest of All and American Wonder, possessing the quality of American Wonder and is as early as the earliest of the smooth round peas. It is the earliest of the sweet, wrinkled peas. The vines grow 2 feet high and need very little brush, the pods are well filled, containing 6 to 7 peas. The peas are very tender and sweet, retaining their fine flavor even when nearly full grown. It is not subject to mildew, and can therefore be planted again in August for a late crop. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 50 cts., pk. $1.75, bu. $6.50.

***AMERICAN WONDER.** This dwarf variety stands unrivaled in point of productiveness and quality, and is the earliest wrinkled pea in cultivation; produces a profusion of good sized and well filled pods of the finest flavor; 12 inches. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. $1.75, bu. $7.00.

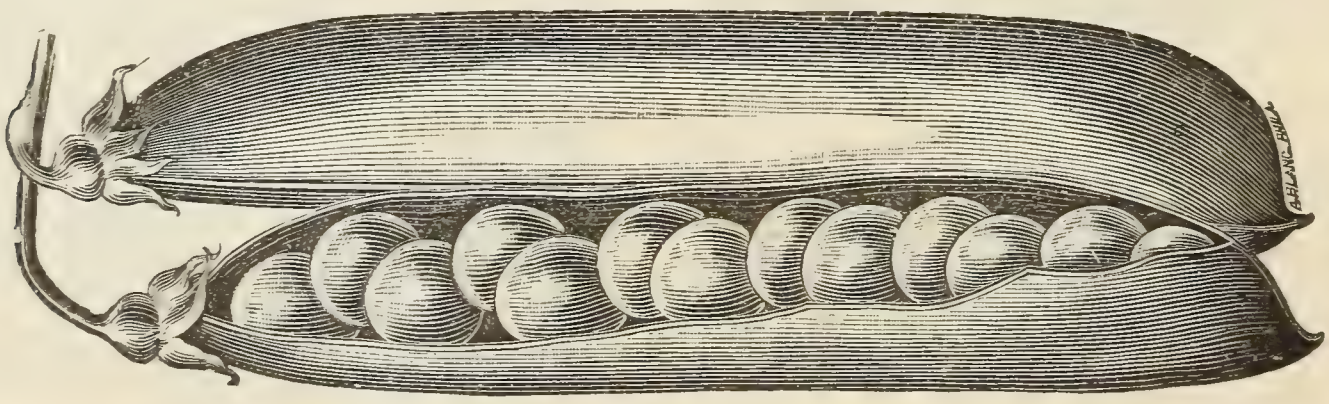
ALASKA EXTRA EARLY. The earliest blue Pea. The dark green color of the pods makes it extremely desirable, as it can be carried long distances without losing color, combined with its earliness and uniformity of ripening, makes it a most desirable extra early pea for market gardeners; 2 feet. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. $1.60, bu. $6.00.

Second Early Varieties

***HORSFORD'S MARKET GARDEN.** A grand wrinkled variety, coming in between Little Gem and Advancer. It is a prolific bearer and has yielded more per acre than any other variety. The pods, although medium size, are numerous, and are packed with peas of a delicious sweet flavor; very stocky, require no brushing; 2 feet. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. $1.75, bu. $6.50.

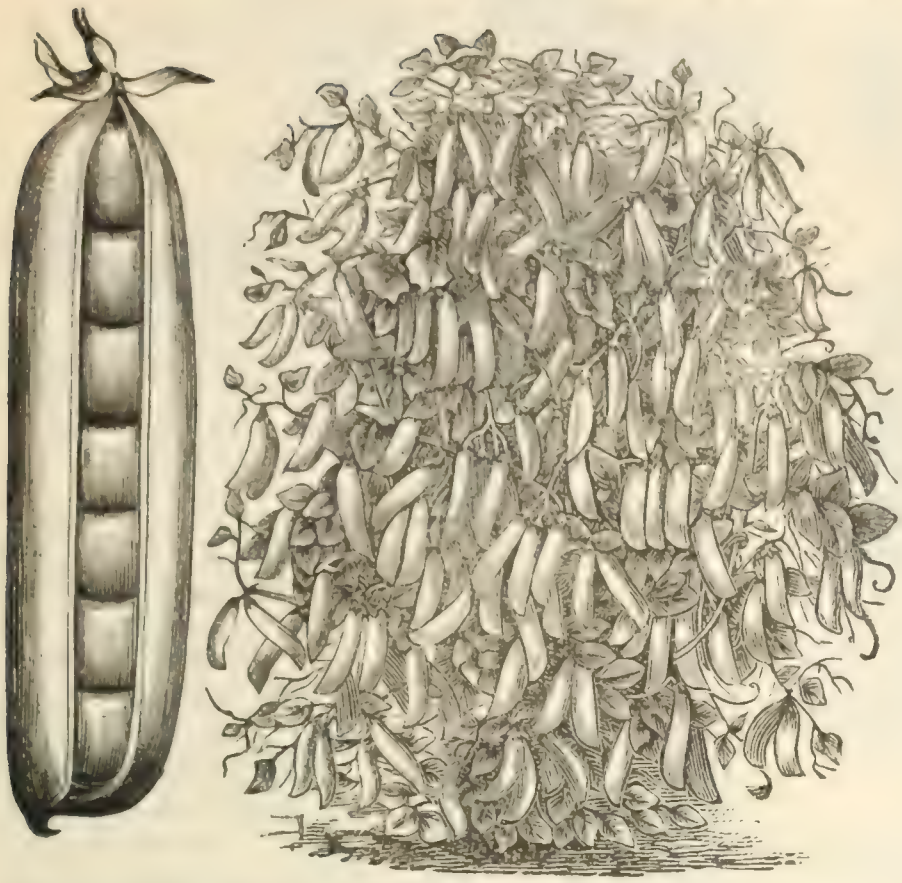
***BLISS ABUNDANCE.** A productive variety. Pods over 3 inches long, and well filled, containing 6 to 8 large wrinkled peas of excellent quality. Its most striking feature is its branching habit, many plants throwing up six or more branches crowded with pods. Sow seed very thinly, 18 inches. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. $1.75, bu. $6.50.

I will send to you again for garden seeds. I have been sending to you for garden seeds for twenty-five years and have been well pleased at all times. Wishing you good luck, I remain, Rebecca Downing, Platte Co., Mo.



Gradus Pea

NOTT'S EXCELSIOR PEA



The introducer describes it as follows:

"This very desirable pea grows to a uniform height of one foot. Remarkably hardy and productive, besides being earlier than all the wrinkled peas, it has been impartially tested the past six years in various sections of the United States and Canada. It is so hardy and vigorous that it may be safely planted in early spring with any smooth variety, and counted on for table use almost as soon, while the quality is far superior. During the eight years that I have been developing these peas, they never failed to be well matured for table use within fifty days from planting, with ordinary garden culture. Pods large, with from five to seven large peas in a pod. Very tender and fine flavored."

Price per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. $1.75, bu. $7.00.

CARTER'S DAISY. By some called Dwarf Telephone. A new second-early dwarf pea with immense pods and peas. The vines grow about 16 to 18 inches high, are stocky and vigorous, very productive, the pods are long, frequently 5 inches in length and well filled with large, thick pale green peas, tender and well flavored and of good lasting qualities for market purposes. The Daisy Pea will please every one. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 50 cts., pk. $2.00.

Carter's Daisy Pea

Late, or Main Crop Variety

***IMPROVED STRATAGEM.** This is a dwarf wrinkled blue marrow, very heavy cropper, pods from five to six inches long, remarkably well filled, and contains as high as ten large, fine flavored peas. In table quality none can surpass it. Vines very strong and needing but little support; 2 feet. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. $2.00, bu. $8.00.

***BLISS EVERBEARING.** Late variety of robust growth, forming as many as ten branches from a single stalk; pods 3 to 4 inches long, containing 6 to 18 large wrinkled peas, often half an inch in diameter, rich and marrowy. Continues long in bearing; should be sown thin; 2 feet. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. $1.75, bu. $6.50.

***CHAMPION OF ENGLAND.** A green wrinkled variety, universally admitted to be one of the richest and best flavored peas grown, and very productive. Considered to be one of the finest varieties for family use or the market gardener; 4 feet. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. $1.60, but. $6.00.

GRAY SUGAR. This variety is early and prolific. The pods are flat and crooked; used in the green state in the same way as string beans, having the identical flavor of the pea; 8 feet. Per pkt. 5 cts., ½ pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. $1.75, bu. $7.00.

MAMMOTH MELTING SUGAR. This variety is ahead of all others, not only in size of pod and prolific bearing, but also for its delicious quality. It bears a profusion of large, broad pods, which are generally found in pairs, and which are so brittle that they snap without any string. It is very sweet and tender; 4 feet. Per pkt. 5 cts., ½ pt. 15 cts., pt. 30 cts., qt. 50 cts.

CANADA FIELD PEAS, WHITE AND GREEN. Largely grown for field culture. Used extensively for feeding stock and cooking. See Field Seeds.

I find Cole's Seeds the best of all in quality, in growing and the most for the money, than any other store I bought of. I have tested them for a good many years.—Mrs. Curtis Prough, Wells Co., Ind.

RADISH

Ger. *Rettig.* Fr. *Radis.*
One ounce will sow 100 feet of drill.

The radish is very hardy, and can be sown as early as the ground will admit. To be crisp and tender they should make a quick growth. The soil should be very rich and light; sow the seeds in drills one foot apart and cover half an inch deep; thin while small from two to three inches apart; hoe often; for a succession sow at intervals of two weeks. To keep the beetle from destroying them sprinkle with ashes or air-slaked lime. The winter varieties should be sown in August; they must be taken up before severe frosts and stored in a cool cellar and covered with earth. Put them in cold water an hour before using. Every family should raise a supply of winter radishes.

NEW ICICLE. See Novelties.

CRIMSON GIANT. See Novelties.

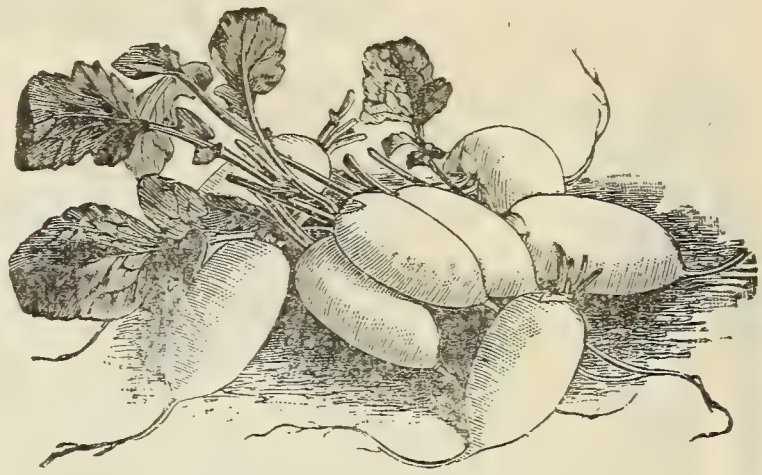
COOPER'S SPARKLER. See Novelties.

Non Plus Ultra Radish

NON PLUS ULTRA. By some called Dark Red Ball, or **Early Deep Scarlet Turnip Forcing Radish.** Remarkably fine in quality and of very quick growth, and ready to pull within fifteen to twenty days after sowing. Perfectly globular little roots, of very bright color and excellent shape. It is by far the best strain of early radish for forcing. Beds are planted, the crop matured and sold, and the same bed made ready for a second planting—all IN 30 DAYS. No gardner can afford to grow common sorts when he can get seed of the NON PLUS ULTRA. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

EARLY DEEP SCARLET TURNIP; or ROUND DARK RED. Of very deep red skin, beautiful shape and extra early. The very best strain of Early Scarlet Turnip Radish in cultivation. Its handsome appearance and extra fine quality commands a quick sale on the market. It is always firm and crisp. Per pkt. 5 cts., oz. 8 cts., ¼ lb. 15 cts., lb. 50 cts.

EARLY WHITE TURNIP. Like the Scarlet Turnip, but in color pure white; flesh white and semi-transparent; very crisp and tender. It is a few days later, and will bear the heat longer without becoming spongy. Per pkt. 4 cts., oz. 8 cts., ¼ lb. 15 cts., lb. 50 cts.



Earliest White Radish

EARLIEST WHITE. This handsome new variety is not only the earliest White Radish, but the earliest of any color. The beautiful little radishes, of the size and shape shown in the cut, are ready for the table in 18 or 20 days after sowing the seed. Of handsome olive shape; both skin and flesh are pure white, of mild flavor, crisp and tender. The tops are small, which renders them suitable for forcing and admits of close planting. This proved to be one of the most desirable varieties in our trials, and can be highly recommended. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 70 cts.

EARLY FRENCH BREAKFAST. A medium sized Radish, olive-shaped, small top, of quick growth; very crisp and tender, of a beautiful scarlet color, tipped with white. A splendid variety for the table, for its excellent qualities and beautiful color. Per pkt. 5 cts., oz. 8 cts., ¼ lb. 15 cts., lb. 50 cts.

EARLY LONG SCARLET SHORT TOP. This is the standard sort, grown in private gardens and for market. It has a bright scarlet root and small top. In suitable soil it grows quickly, half out of the ground and very brittle. Per pkt. 4 cts., oz. 7 cts., ¼ lb. 15 cts., lb. 50 cts.

EARLY SCARLET GLOBE. A most desirable turnip sort for hot-bed forcing; very early, and in flavor mild, crisp, juicy and tender, top small, and it will stand the heat well without becoming pithy. One of the best selling radishes on account of its very attractive color and shape. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 15 cts., lb. 50 cts.

SCARLET TURNIP WHITE TIP. One of the handsomest turnip radishes and a great favorite in many large markets for early planting outdoors, thousands of pounds being used for that purpose every season. Roots slightly flattened, color deep scarlet, with a white tip; flesh white and of the best quality, being crisp and tender. Per pkt. 5 cts., oz. 8 cts., ¼ lb. 15 cts., lb. 50 cts.

EARLY BIRD. The quickest of all radishes. Without doubt the finest and earliest of scarlet globe radishes on the market. It is handsome in form and color, a beautiful oval and rich scarlet. The flesh is crisp, tender, juicy and mild. It is equally as good for open garden culture or for forcing, and therefore commends itself equally to the amateur and market gardener. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Long Brightest Scarlet

LONG BRIGHTEST SCARLET. This variety, by some called Cardinal Radish, is one of the handsomest Long Radishes grown. In shape it is intermediate between the long and half-long sorts. It is early, being fit for use in 25 days after sowing. In brightness of color it is quite unique, being the brightest fiery scarlet we have ever seen in any radish; flesh crisp, brittle, and of a delightful pungent quality. A fine variety to sell well in the markets. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 15 cts., lb. 50 cts.

White Strassburg

WHITE STRASSBURG, or HOSPITAL. This is one of the most valuable summer varieties. Flesh pure white, tender, crisp and of pleasant taste, without being strong. It can be used in six weeks from the time of sowing and continues to grow without losing its superior quality. It will prove a profitable market variety. Per pkt. 5 cts., oz. 8 cts., ¼ lb. 15 cts., lb. 50 cts.

LONG WHITE VIENNA, or LADY FINGER. One of the finest of long white radishes; snow-white, very brittle and crisp, of beautiful shape and rapid growth. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 15 cts., lb. 50 cts.

MIXED RADISH SEED. For use in family garden we offer mixed seeds of all the early varieties. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 15 cts., lb. 50 cts.

The Triumph

THE TRIUMPH. This is a beautiful and odd radish. The ground color is pure white, striped with bright scarlet, when mixed in the bunch with scarlet radishes makes a pleasing contrast. It is a splendid forcing radish, with short top, small leaves, and matures quickly. The flesh is very crisp and solid and of mild flavor. It can also be grown in the open ground as well. It is a most attractive ornament for the table, and market gardeners will find ready sale for it. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

IMPROVED CHARTIER, or SHEPHERD. This Radish possessing so many fine qualities, is a great favorite. It is an early summer variety; in color a deep pink. In quality unsurpassed, being not strong, but crisp and tender. Its great value lies in its being in fine market condition when quite small and continuing so until grown to large size, even when grown in hot weather without becoming tough and pithy. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 15 cts., lb. 50 cts.

ALL SEASONS. A radish for all soils and climates. Fine for early or late summer use. May be sown at intervals from early spring until autumn, and the roots obtained from late sowing can be kept for winter consumption. It requires but six to eight weeks for its full development. The root is large, perfectly round and of a brilliant scarlet color; flesh pure white and of a most agreeable flavor; retaining its crispness, even when the roots are several weeks old. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

CALIFORNIA MAMMOTH WHITE WINTER. Roots grow eight to twelve inches long and two to three inches in diameter; flesh white, solid and of excellent flavor. This is the largest of all radishes. Per pkt. 5 cts., oz. 8 cts., ¼ lb. 20 cts., lb. 60 cts.

CHINESE ROSE WINTER. This variety is becoming very popular with market gardeners; it is of half long shape, rose-colored, and flesh as solid as an apple; it has not that strong flavor of the Black Spanish and keeps equally well. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

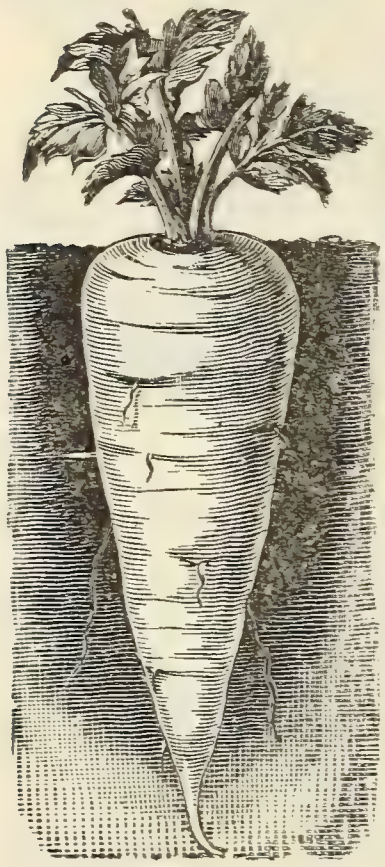
LONG BLACK SPANISH. One of the hardiest and best for winter use. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

PARSNIPS

Ger. *Pastinake.* Fr. *Panais.*

One ounce will sow 200 feet of drill.

Sow as early in the spring as the weather will permit, in drills 18 inches apart, covering half an inche deep; when well up, thin out to five or six inches apart in the rows. Unlike Carrots, they are improved by the frost, and it is usual to take up in the fall a certain quantity for winter use, leaving the rest in the ground until spring to be dug up as required.



Guernsey Parsnip

IMPROVED GUERNSEY. This improved fine strain of Guernsey Parsnip is strictly a table variety. The roots do not grow long as the Hollow Crown, but are of a greater diameter, and more easily gathered. It is a very heavy cropper; the roots are smooth, about twelve inches in length, and with a very deep hollow crown and small top. The flesh is very fine grained and sweet all the way through, and of excellent quality. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 15 cts., lb. 40 cts.

SUGAR or HOLLOW CROWN. Roots long, grows mostly below the surface. It is about one of the best garden varieties, a standard sort. Per pkt. 4 cts., oz. 8 cts., ¼ lb. 15 cts., lb. 40 cts.

PARSLEY

Ger. *Petersilie.* Fr. *Peosil.*

This well known and agreeable savory herb is used as a garnish and for seasoning soups, stews, etc. Select a rich soil and sow the seed as early in the spring as the ground can be worked, in drills one foot apart; thin out the plants to three or four inches apart. As it is slow to vegetate, soak the seed in warm water for ten or twelve hours.

EMERALD. The Emerald is distinct in appearance, being of a light shade of green. The plant is of dwarf habit, with leaves finely cut and curled. Growers for the markets of all the large cities know how important it is for their sales to have a stock of parsley that is "curley." Per pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 75 cts.

NEW FERN-LEAVED. This beautiful Parsley resembles crested fern or moss in its growth. It is invaluable as a garnishing plant, and admirably suited for mixing with dwarf ornamental foliage plants in the flower garden, and also for table decorations. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 65 cts.

PLAIN LEAVED. This is the hardiest and strongest growing variety. Leaves dark green, plain, longer than the curled and better flavored for seasoning. A covering of straw of evergreen bough will ordinarily protect it through the winter. Per pkt. 3 cts., oz. 7 cts., ¼ lb. 15 cts., lb. 50 cts.

OKRA or GUMBO

This vegetable is becoming extensively grown. The long young pods of this plant are used in soups, stews, etc., to which they impart a rich flavor and are considered nutritious. Sow the seeds thickly in rich ground about the middle of May, or when the ground has become warm, in drills three feet apart and one inch deep; thin out to ten inches apart in the drills. Hoe often and earth up a little to support the stems. The very young pods can be gathered and dried for winter use.

WHITE VELVET. This variety is a great improvement on the old Okra. Has long, slender pods, early and very productive. Per pkt. 4 cts., oz. 8 cts., ¼ lb. 25 cts.

RHUBARB or PIE PLANT

Ger. *Rhubarber.* Fr. *Rhubarde.*
One ounce will produce about 800 plants.

Sow in drills one foot apart early in spring. In the fall or next spring transplant to three feet apart both ways. Do not pluck the stalks until the third year, and do not let the plant exhaust itself by running into seed. The soil can not be too rich, and mulching with manure each fall is very beneficial. Stalks are used for pies, tarts, etc.

LINNAEUS. Large, tender, and excellent flavor. Per pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts.

RHUBARB ROOTS. Plant in spring in rich soil, three feet apart. Each 15 cts., 4 for 50 cts.

SPINACH

Ger. *Spinat.* Fr. *Epinard.*
One ounce will sow 100 feet of drill.

This is an important market gardener's crop of easy culture. It must be grown in deep, rich soil. For summer use sow early in the spring, in drills one foot apart, covering seed one inch deep. Sow at intervals of two weeks through the season. For very early spring use, sow in September and protect by covering with straw.

LONG STANDING. This is decidedly the best variety for spring sowing, having all the good qualities of the other sorts; besides remaining a long time before running to seed; valuable for market gardeners. Per pkt. 4 cts., oz. 7 cts., ¼ lb. 15 cts., lb. 35 cts.

NEW VICTORIA. The foliage is heavy, the broad, dark green leaves being of the true Savoy appearance and of the finest quality, but the most remarkable feature that will make it of special value, that it is in prime condition from two to three weeks after all other varieties of Spinach have run to seed. Per pkt. 4 cts., oz. 8 cts., ¼ lb. 15 cts., lb. 35 cts.

SALSIFY or OYSTER PLANT

Ger. *Bocksbart.* Fr. *Salsifis.*
One ounce will sow 50 feet of drill.

A delicious vegetable. Cut into small pieces it makes a fine soup, like that from oysters. It is also parboiled, grated fine, made into small balls, dipped in butter and fried; also cooked whole as parsnips. Culture and treatment same as for parsnips.

MAMMOTH SANDWICH ISLAND. An improved type of this excellent vegetable. It produces roots of nearly double the size and weight of the old variety, and of equally good quality. It is very tender and delicious, and resembles a good sized parsnip. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. $1.00.

SQUASH

Ger. *Kuerbis.* Fr. *Courge.*
One ounce will plant about 25 hills.

Plant about the middle of May, in hills, the early varieties four to five feet apart, and the late sorts eight to ten feet. The hills should be highly manured, and prepared in a similar manner as those of melons. Plant from six to ten seeds in a hill, thinning out after they have attained their rough leaves, leaving three or four of the strongest plants. Dust the plants, when the dew is on, with air-slacked lime or ashes, to protect them from the striped bug.

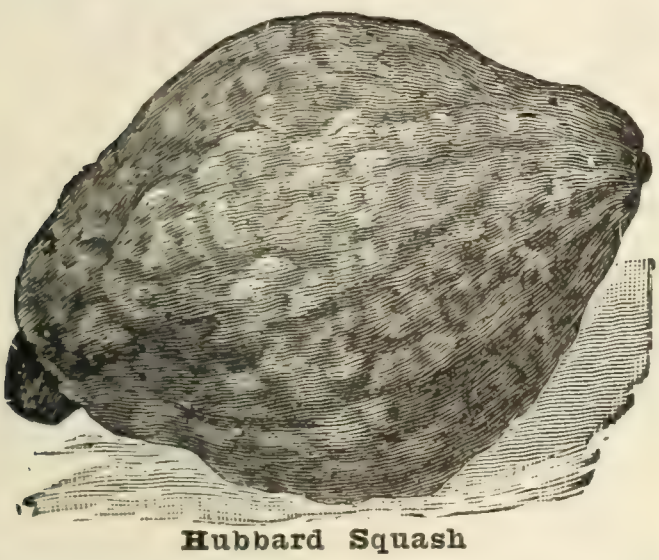
A treatise, entitled, "Squashes," and how to grow them, by mail prepaid for 30 cents.

BLUE HUBBARD. See Novelties.

THE DELICIOUS. See Novelties.

MAMMOTH WHITE. Bush Scallop. This excellent large strain is ten days earlier than the common stock. The squashes average at least double the size, and are continuous bearers from early in the season till late in the fall. A splendid variety for market and the best of all for the shipper and family garden. Per pkt. 4 cts., oz. 8 cts., ¼ lb. 15 cts., lb. 60 cts.

GIANT BUSH SUMMER CROOKNECK. This magnificent strain has been brought about by years of painstaking selection. It is a beautiful bright yellow, and grows to a very large size; very early, and is a most profitable sort of marketing because it grows so quick and large. Per pkt. 5 cts., oz. 8 cts., ¼ lb. 15 cts., lb. 60 cts.

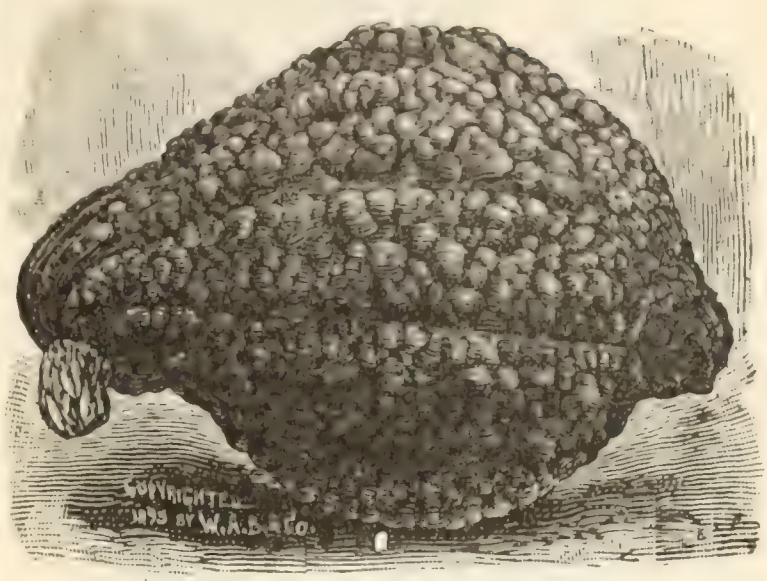


Hubbard Squash

HUBBARD. The standard winter squash, flesh bright orange yellow, fine grained, very dry and sweet, rich flavored; keeps perfectly good throughout the winter; boils or bakes very dry, and is esteemed by many to be as good baked as the Sweet Potato. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

SIBLEY, or PIKE'S PEAK. The shell is pale green in color, very hard and flinty. The flesh is solid and thick, orange in color, being dry and rich. The squashes range from eight to eleven pounds. The vine is vigorous and hardy. In its keeping qualities its excels all, constantly improving in flavor and quality until the very last. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

FORDHOOK. A fine variety for family use. The flesh is dry and sweet, and the best in quality of all winter squashes. Placed in a cool, dry room, keeps in perfect condition throughout the winter and spring. Matures early, and is everywhere a sure cropper. The meat is very thick, and seed cavity small. Another feature is that the green squashes can be used at any stage of their growth. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.



Warted Hubbard Squash

WARTED HUBBARD. This Squash is considered the best strain of Hubbard. It combines the fine points of the original strain with larger size, harder shell, improved quality, thicker flesh, finer color, stronger constitution. In short it is unapproachable as a winter Squash. The color is almost black, all looking alike, and with a dense covering of knots—hence the name of "Warted." Their handsome appearance appeals strongly to customers. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

THE FAXON. A distinctive feature of this Squash is, when ripe they vary in color, some being a pale yellow, while others are mottled green. The flesh is a deep orange yellow, seed cavity very small, shell thin, but squashes are hard and solid. It is one of the best squashes ever tasted, sweet and dry, and for squash pies it must be tried to be appreciated. It matures early and is one of the best winter squashes, being a very late keeper. It is the only squash that every specimen is of good quality without regard to size or whether it is ripe or green. It is enormously productive, and of medium size. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

MAMMOTH CHILI. This is the largest variety known, and under favorable conditions and in a rich soil it often grows to weigh from 100 to 200 pounds, and specimens have been grown to weigh 300 pounds. Excellent for stock; very productive. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. $1.00.

GOLDEN HUBBARD. A sport from that old standard of excellence, the Hubbard, it is a perfect type of its parent except in color which is a bright deep orange yellow. Flesh deep golden yellow, much richer in color than Hubbard, fine grained, cooks very dry, of excellent flavor. Its keeping qualities are fully equal to, while in productiveness it far excels the old variety. In everything except color and yield it is a counterpart of that old favorite the Hubbard. Its superior keeping qualities combined with its sweet, rich flavor, attractive color and shape, are bound to make it a popular Fall and Winter variety. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

I planted a bed with Cole's Superb Pansies in the year 1906. They were the finest bed of Pansies in the neighborhood and were the admiration of every one passing along the road.—Miss Ella Bushnell, Iowa Co., Iowa.

TOMATO

Ger. *Liebesapfel.* Fr. *Tomatoe.*
One ounce will produce about 2500 plants.

Sow in hot-bed in March or April, or for want of hot-bed in window-pots or boxes, or in a warm border on the south side of a fence by the last of April or first of May. Thin to 3 or 4 inches to keep them low and stocky, and when frosts are no longer to be feared, transplant to 4 by 4 feet apart. Hoe often and earth up a little until the plants are a foot high, when they must be supplied with supports, or be allowed to spread on the ground. Our Tomato seed is all saved with great care, and will please the most critical.

THE CORELESS. See Novelties.

DWARF GIANT. See Novelties.

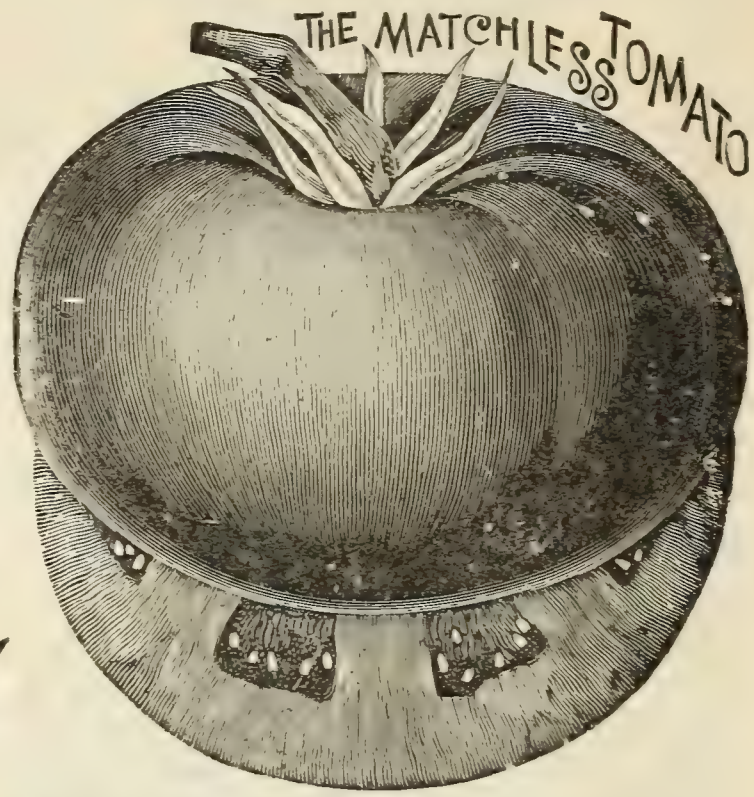
EARLY JUNE. See Novelties.

Early Jewel Tomato

CHALK'S EARLY JEWEL. A large, smooth, and the finest flavored extra early bright red Tomato. It is so hardy and vigorous in growth that a very early planting can be made in the open ground. The plants are well furnished with strong healthy foliage which protects the fruits from sun-scald, and enables the plants to perfect an enormous crop. The fruits are very deep through from stem to blossom end, the solid flesh is entirely free from hard core, free from rot and do not crack open in wet weather. Comes highly recommended. Per pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.

PONDEROSA. The largest Tomato grown. Twelve specimens have been exhibited that weighed 16½ pounds, and one monster tipping the scale at nearly four pounds. The vines are strong and vigorous, its massive fruits are very free from ridges. The skin is very firm, making it a fine variety for shipping purposes. It has remarkably solid flesh and is almost seedless; of a dark rich crimson color; its flavor is delicious, whether used raw or cooked. Per pkt. 5 cts., oz. 25 cts.

ENORMOUS. This grand Tomato proves to be all that was claimed for it. It is not early, but simply the best main crop tomato ever put on the market, and is bound to receive unstinted praise from everyone. With select specimens it takes but eight to fill out a yard; this means, of course, that the tomatoes must average 4½ inches in diameter. The tomatoes are very smooth, solid meated, good keepers, and are every way of excellent quality. Per pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.



MATCHLESS. This tomato is matchless in form, the skin being so tough that if picked when ripe they can be kept in good condition as long as ten days. It is a strong grower and productive, producing fruit of large size. The fruit is very free from core. Color, rich cardinal red. Per pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.

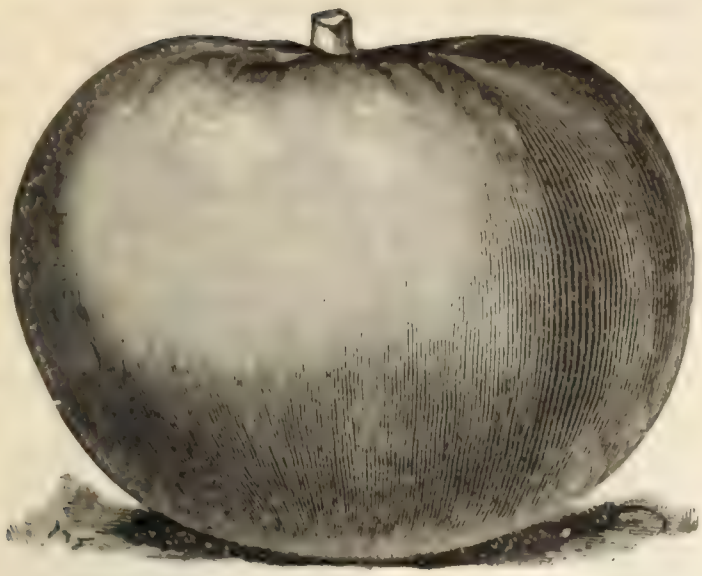
THE STONE. This variety is very large, and of bright scarlet color; very smooth, ripening evenly to the stem without a crack, exceedingly solid, is an excellent shipper; quality the very best; fine for canning; a good keeper; without hard core. Per pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

DWARF CHAMPION. This variety is dwarf and compact in habit; it stands up well, even when loaded with fruit; having a stiff, bushy stem, can be planted close together; very early. It is always smooth and attractive in appearance; the skin is tough and the flesh solid. Per pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.

DWARF STONE. This is the largest fruited of all the dwarf or bush Tomatoes. The growth is stiff and erect, fruit averages nearly as large as the Tall Stone and ripens earlier. The fruits are produced in clusters of three to five. The strong upright habit of growth permits of close planting, about 24 inches apart. The shape of fruit is smooth, free from cracks about the stem, grows solid, ripens evenly and is of excellent quality, and of a bright scarlet color. This variety has come to stay and will easily find a place among our other standard sorts. Per pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.

LIVINGSTON'S FAVORITE. Large, smooth, blood-red sort, early; ripens all over and through at once. For canning has no superior; a tough skin, will bear shipping long distances. Very few seeds and has no hard green core. Per pkt. 4 cts., oz. 15 cts., ¼ lb. 50 cts., lb. $1.75.

EARLIBELL. This new Earlibell Tomato is claimed to be the earliest of any sort without an exception. This is a strong claim, but it is backed up with good proof by the introducers. The Earlibell is perfectly smooth from beginning to end of season. Its color is a deep glossy scarlet, which makes the fruit very attractive. The table quality and flavor is all taht can be desired, making it a splendid sort for slicing. The vines are vigorous and very hardy, with medium heavy foliage, setting fruits close to the main stem and bearing continuously until frost. Per pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.



Excelsior Tomato

WHITE'S EXCELSIOR. This fine variety is the best purple tomato. The vines are the largest, strongest growers of any, bear the greatest crops, and continue bearing until frost. The fruits are large, smooth and nearly solid, with but few seeds; color dark glossy or purple red, ripen up evenly around the stem, no green spots or hard core. One of the best shipping varieties, as it stands up well. In quality and flavor cannot be surpassed. Per pkt. 5 cts., oz. 25 cts., ¼ lb. 60 cts., lb. $2.00.

LIVINGSTON'S BEAUTY. Early, of smooth form, free from rot, keeps and carries well. In color, a rich, glossy crimson. It is valuable for market from its solidity, toughness of skin, and from the fact that it will ripen up well when picked green. Per pkt. 4 cts., oz. 15 cts., ¼ lb. 50 cts., lb. $1.75.

YELLOW FIG, or YELLOW PLUM. Recommended especially for pickles and preserves. Fruit uniformly oval, lemon-colored and smooth-skinned. Per pkt. 5 cts., oz. 25 cts.

GOLDEN QUEEN. A yellow variety of first-class quality; large, smooth, solid, and productive; has very little acid, flavor excellent. None better for slicing and preserving. Sliced with one of the red sorts it makes a pleasing appearance. Per pkt. 5 cts., oz. 25 cts.

Livingston's Perfection Tomato

LIVINGSTON'S PERFECTION. An early variety of considerable merit, of a blood-red color, round in shape, perfectly smooth, and very solid; ripens uniformly, and bears abundantly until frost comes; free from seeds, and for canning purposes it surpasses any hitherto offered. Per pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. $1.75.

HUSK TOMATO

IMPROVED GROUND CHERRY, or STRAWBERRY. Grows enclosed in a husk, excellent for preserves; will keep within husks all winter. This is well worth growing for preserves, both on account of its fine quality and immense productiveness. The fruit has a pleasant strawberry-like flavor, and is much esteemed and by some considered indispensable for pies, sauce, etc., both green and dry. With the addition of lemon juice it is frequently preserved like plums as well as stewed and served like cranberries. Per pkt. 5 cts., oz. 25 cts.

Spark's Earliana Tomato

The Earliest Large, Smooth Tomato Grown

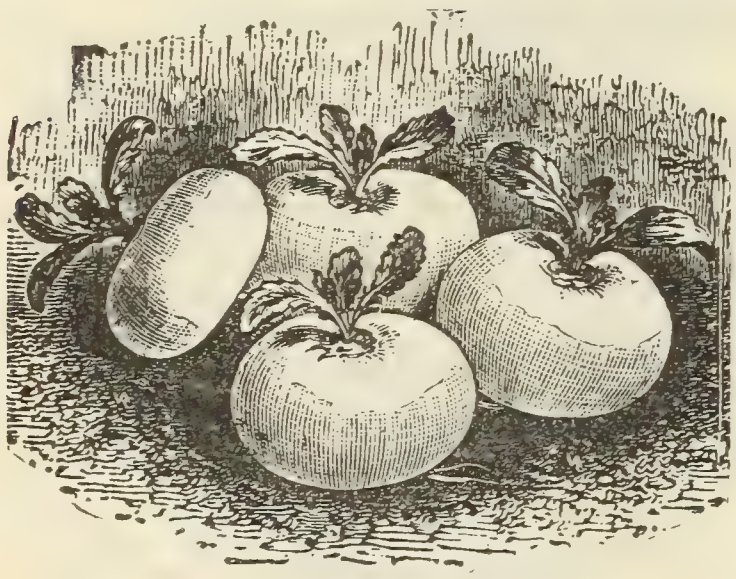
This new and valuable Tomato comes from a well-known New Jersey market gardener. It is claimed to be a full week ahead of all others. The past season in our trial grounds side by side with all the leading so-called early kinds, it was several days ahead in ripening. This tomato is not only remarkable for its earliness, but for its large size, handsome shape and bright red color. Its solidity and fine quality are equal to the best medium and late sorts. Price per pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.

TURNIP

Ger. *Steckrube.* Fr. *Navet.*

One ounce will sow 200 feet of drill.

For the spring crop sow the different early kinds as early as the seed can be got into the ground in drills 14 inches apart, and thin to five or six inches. For the fall or main crop, sow, at the north, from the middle of July to the last of August, in drills as directed for the spring sowing. In the field the turnips are more generally sown broadcast though much the larger crops are obtained by drill culture. Always sow your Turnips as soon after a rain as the ground can be raked, or harrowed fine if possible. If sown before a heavy rain there is formed a crust which generally smothers the sprouting seed. One pound is sufficient to sow an acre. Our Turnip and Ruta-Baga Seed is grown from selected roots and is of excellent quality.



Early White Milan Turnip

EXTRA EARLY WHITE MILAN. This takes the first rank for its earliness and beautiful shape. It grows with wonderful rapidity and is the earliest White Turnip in cultivation. Of splendid quality, small top and single tap-root, it is most attractive with clear white skin and flesh; fine grained and tender. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

EXTRA EARLY PURPLE MILAN. One of the earliest varieties, two weeks earlier than Red Top Strap Leaved. The bulb is flat, of medium size, smooth, with a bright purple top. pure white skin and flesh is of excellent quality, being hard, solid and fine grained; it is an excellent keeper. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 65 cts.

EARLY WHITE FLAT DUTCH. A very popular market variety. Grows quickly, comes early, clear white skin and flesh of juicy, mild flavor and excellent quality. Per pkt. 4 cts., oz. 8 cts., ¼ lb. 15 cts., lb. 50 cts.

EARLY WHITE EGG. A variety for early or fall sowing; flesh white, fine grained and sweet; very large, perfectly smooth and pure white. An extra keeper, and in every respect a first-class variety. Per pkt. 4 cts., oz. 8 cts., ¼ lb. 15 cts., lb. 50 cts.

PURPLE TOP WHITE GLOBE. One of the best varieties grown. Of large size and very rapid growth; globe-shaped bulbs with purple top; fine quality. Very handsome and most attractive for market. Per pkt. 4 cts., oz. 8 cts., ¼ lb. 15 cts., lb. 50 cts.

HARDY WHITE WINTER. This fine variety we find to be one of the sweetest and the most tender in flavor we have even eaten. As shown in the illustration it differs from all other varieties, being conical shape like the Ox-heart Carrot. It grows to large size, still it grows rapidly and cannot be surpassed for late sowing, for use in Autumn and Winter. The root is pure white, very smooth, and grows almost entirely in the ground; being very hardy, it can be dug late and is one of the best keepers. The flesh is crisp, sweet and of excellent quality. It will become a great favorite with gardeners when better known. Per pkt. 5 cts., oz. 15 cts., ¼ lb. 30 cts., lb. $1.00.

RED TOP STRAP-LEAVED. This is the leading variety for main crop; form roundish or flat, medium size, small top; few leaves which are entirely upright; tap root small, color red or purple above ground; one of the best for family use, either spring or fall. Per pkt. 5 cts., oz. 8 cts., ¼ lb. 15 cts., lb. 50 cts., 5 lbs. or more not prepaid, at 35 cts.

LARGE WHITE GLOBE. A variety grown exclusively for feeding stock; very productive; in good rich soil the roots will frequently grow to twelve pounds in weight. Per pkt. 4 cts., oz. 7 cts., ¼ lb. 15 cts., lb. 50 cts.

ROBERTSON'S GOLDEN BALL. It is the best of the Yellows for a fall crop; is very solid and of good flavor; flesh bright orange; of a globe form, and keeps well; an excellent table variety. Per pkt. 4 cts., oz. 7 cts., ¼ lb. 15 cts., lb. 50 cts.

YELLOW ABERDEEN. Very hardy and productive, bulb globular, flesh tender, sweet, and a good keeper. Good either for stock or table use. Per pkt. 4 cts., oz. 7 cts., ¼ lb. 15 cts., lb. 50 cts.

RUTA-BAGA, or Swede Turnip

The Ruta-Baga, Swedish or Russian Turnip, is extensively grown for a farm crop; the roots close-grained, very hard, and will endure a considerable degree of cold without injury. The roots are best preserved in a pit or cellar during the winter, and excellent for the table early in spring. Sow from middle of May to middle of June in drills two feet apart, and thin out or transplant to eight or ten inches.

BREADSTONE. They are medium size, very quick growing, the roots are smooth, white, with faint green top. The flesh is perfectly white, fine grained, remarkably tender and very sweet; it is the finest table turnip for winter and spring use we have ever seen. Per pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

IMPROVED AMERICAN. This variety is largely grown in this country, both for the table and feeding stock; flesh very solid; fine quality; keeps well until summer. Per pkt. 4 cts., oz. 8 cts., ¼ lb. 15 cts., lb. 50 cts.

CARTER'S IMPERIAL HARDY. A most excellent sort for either table use or feeding stock; flesh yellow, solid, firm, sweet and rich, it is a hardy sort, yields enormously, a good keeper, and one of the best. Per pkt. 5 cts., oz. 8 cts., ¼ lb. 15 cts., lb. 50 cts.

SWEET GERMAN. This variety is very popular among gardeners. Shape smooth and regular, flesh pure white, of extraordinary solidity, very sweet, mild and well flavored; retains its freshness until spring; as a table variety must be classed among the best. Per pkt. 5 cts., oz. 8 cts., ¼ lb. 15 cts., lb. 50 cts.

Hardy White Winter Turnip

TOBACCO

One ounce will sow 30 feet square and produce plants for one acre.

The seed should be sown very early in the spring, as early as possible after the danger of frost is over. A good plan is to burn a quantity of brush and rubbish in the spring, on the ground intended for the seed bed; then dig and thoroughly pulverize the earth and mix with ashes, after which the seed may be sown and covered very lightly. When the plants are about six inches high transplant into rows 3½ feet apart each way, and cultivate thoroughly with plow and hoe.

An essay entitled "Tobacco Culture" by Mail prepaid for 25 cts.

PRIMUS. This early tobacco grows rapidly. The leaves are large and long, fibre fine and yields heavy crops of extra fine quality. The plants stand up well; the leaves, somewhat close together. Its early ripening, renders the product less liable to frost. Per pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. $2.00.

SWEET ORONOKO. This variety makes the sweetest, best and most substantial "Fillers," and makes, when sun-cured, the best natural chewing leaf. The favorite for the "homespun" wherever known. Per pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. $2.00.

CONNECTICUT SEED LEAF. An old, well-known variety. Per pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. $2.00.

HAVANNA. Heavy cropper, delightful flavor, fine texture, much used for cigar making. Per pkt. 5 cts., oz. 20 cts.

IMPROVED WHITE BURLEY. Seed of this fine strain is grown on the famous limestone fields of Tennessee. Well-known standard main crop variety of great merit. A mild and sweet tobacco. It is extra fine for manufacturing in nearly every manner that tobacco is used. Per pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. $2.50.

POT, MEDICINAL and SWEET HERBS

A few pot and sweet herbs (for flavoring soups, meats, etc.) are indispesnable to every garden, while some of the medicinal herbs will also be found very useful. Herbs in general love a mellow and free soil. Sow early in spring, in shallow drills, one foot apart, and when well up thin out or transplant from six to ten inches apart. Care should be taken to harvest them properly. Do this on a dry day just before they come into full blossom; dry quickly in the shade; pack close in dry boxes to exclude the air entirely.

Those marked with a (*) are perennial, and when once obtained in the garden may be preserved for years with little attention.

ANISE. Used for cordial, garnishing and flavoring; the seeds have an agreeable aromatic taste. Per pkt. 4 cts., oz. 10 cts.

BALM. The leaves have a fragrant odor and are used for making a pleasant beverage known as balm wine, also for balm tea, for use in fevers. Per pkt. 4 cts., oz. 20 cts.

BASIL SWEET. The leaves are used for flavoring soups, and highly seasoned dishes. Per pkt. 4 cts., oz. 20 cts.

CARAWAY. Grown for seeds, which are extensively used for flavoring bread, pastry, soups, etc. Per pkt. 4 cts., oz. 10 cts., ¼ lb. 25 cts.

CORIANDER. The seeds are used in the manufacture of liquors, in confectionary, and a great number of culinary preparations. Per pkt. 4 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

DILL. The seeds have an aromatic odor, and warm, pungent taste. They are used as a condiment, and also for pickling with cucumbers, to heighten the flavor. Per pkt. 4 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

***HOREHOUND.** This herb is a favorite remedy in pulmonary complaints. It enters largely into the composition of cough syrups and lozenges. Per pkt. 5 cts., oz. 25 cts.

HYSSOP. The leaves and flower stalks are used medicinally; it is a stimulant and expectorant, and employed in humoral asthma and chronic catarrh. Per pkt. 4 cts., oz. 25 cts.

***LAVENDER.** It is cultivated for its fragrant spikes of flowers which are used for the distillation of Lavender Water. Being dried and put up in paper bags, they are also used to perfume linen. Per pkt. 5 cts., oz. 20 cts.

MARJORAM SWEET. The leaves and ends of the shoots are highly esteemed for seasoning, both in summer and dried for winter use. Per pkt. 5 cts., oz. 20 cts.

SAFFRON. The flower is the part used medicinally, which should be picked while in full blossom and dried for use. Per pkt. 4 cts., oz. 10 cts.

***SAGE BROAD-LEAVED.** The most extensively used of all herbs for seasoning and dressing; indispensable. Per pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. $1.50.

SUMMER SAVORY. The plant is aromatic. The tops are used either gree nor dry, in stuffing meats, also for salads and soups. Per pkt. 5 cts., oz. 20 cts.

***SWEET THYME.** A medicinal and culinary herb. The young leaves and tops are used for soups, dressing and sauce, either green or dry. Thyme tea is a cure for nervous headache. Per pkt. 5 cts., oz. 25 cts.

SORREL FRENCH. The leaves, having an acid taste, may be employed in salads; it is used principally for soups, and is sometimes cooked, as Kale or Spinach. It makes a good dish. Per pkt. 4 cts., oz. 10 cts.

***WORMWOOD.** Used medicinally, and is beneficial for poultry; should be planted in poultry yards. Per pkt. 5 cts., oz. 25 cts.

CARAWAY SEED. For flavoring. Per oz. 5 cts., ¼ lb. 15 cts., lb. 40 cts.

Selected Farm Seeds

We make a specialty of the best and new improved varieties of **Farm Seeds,** and offer a select list of **Seed Corn, Potatoes, Grass** and **Clover Seeds, etc.** All our **Seeds** are selected, recleaned with special care and of the finest quality possible. We only offer the highest grades of **Grass Seed** at reasonable prices.

PRICES: On account of going to press with our catalogue so early in the season, about December, prices are subject to important market changes and may vary on some items of being higher or lower later in the season. For large quantities we are always ready to quote prices on application.

SHIPPING: Everything that is quoted by the packet or pound is sent by mail prepaid. Larger quantities are sent by freight or express, charges to be paid by the purchaser. No charge for bags, boxes or delivery to depot. Always state which way you want **Seeds** shipped, giving name of railroad or express company.

Our Choice and Best Grades of Clover, Grass and Farm Seeds, meet fully the requirements of the new **Iowa Pure Seed Law,** in purity and vitality, and had samples of it analyzed and tested by the U. S. Experiment Station.

SPELTZ, or EMMER

A wonderful new grain that is now attracting great attention. It was brought to this country from Eastern Russia several years ago and has been found to be of extraordinary value for growth on poor soil and in drouthy sections. It is a wonderful stooler and robust grower, frequently yielding 60 or more bushels per acre. Farmers in Dakota are praising it very highly, as it is unequalled as feed for any kind of stock. The grain is intermediate between wheat and barley, the spikelets being separated from each other in such manner that the crop is not readily injured by the weather. The chaff adheres to the grain when thrashed. We believe it will prove of much value for milling, as well as for feeding. Will grow and produce immense crops on poor soil, and the dry weather appears to have no effect on it. It is sown early in spring like wheat at the rate of 1½ bu. per acre. It will pay farmers to test it. Per pkt. 10 cts., lb. 20 cts., 3 lbs. 50 cts., by mail, postpaid; by freight, per pk. 35 cts., bu. $1.25.

BUCKWHEAT

NEW JAPANESE. The kernel of this new buckwheat is nearly twice as large as the common kind; the straw is stouter and heavier; it branches more and does not need to be sown as thickly; the flour made from it is equal to that from any other buckwheat; it is a very heavy cropper; farmers are enthusiastic in its praises. It is less apt to blight than other varieties. We consider the Japanese Buckwheat to be far ahead of all other kinds. So far it outyields the old Gray or Silver Hull two to one. Per lb. 20 cts., 3 lbs. 50 cts., not prepaid, pk. 40 cts., bu. $1.50.

BROOM CORN SEED

IMPROVED EVERGREEN. One of the best for general culture, ripens early; grows 8 to 9 feet high, finest brush, never crooked, good length. Plant in hills 18 inches apart in the rows and the rows three feet apart. Requires similar land and later planting than corn. Per lb. 20 cts., 3 lbs. 50 cts., pk. 50 cts., bu. $2.00.

FIELD PEAS

Every year there is more inquiry by a number of our best farmers for Field Peas. Peas stand in the front rank as a fodder crop, especially for hogs. They can be fed green or dry. As a fertilizer they come next to clover, to be plowed under when they commence to blossom; they will grow on land that will not produce clover. Sow 1½ to 2 bushels to the acre, or, if with oats sow 1 bushel of each. Do not sow on rich ground—will make too much vine.

CANADA FIELD PEAS WHITE. This is a standard sort; seeds white in color. Per pk. 65 cts., bu. $2.50, 5 bu. $12.00.

CANADA FIELD PEAS GREEN. Like above except that color is green. Per pk. 80 cts., bu. $3.25, 5 bu. $15.00.

COW PEAS

Cow Peas belong to the bean family. They require a full season to mature a crop. It is highly valued as a fodder crop, but more so for reclaiming poor and worn-out soil. Plowed under green it is the greatest fertilizer and soil improver we have. Poor, sandy and worn soil may be brought up to full fertility again by plowing under a few crops of the Cow Peas.

The seeds must not be sown until the soil has become thoroughly warm. They can be sown broadcast before the last plowing of corn if wanted for green feed. If wanted to plow under for manure, sow in drills one foot apart. If grown for fodder or for the seed, plant in rows 3½ feet apart and cultivate thoroughly. For fodder or seed purposes it takes ½ bushel seed per acre, for manure to plow under 1½ bushels per acre must be sown. If sown for fodder broadcast it will take 1 bushel per acre.

WHIP-POOR-WILL. This is a most popular variety and yields a good crop of both fodder and peas. Much used as a fertilizer. Per pkt. 5 cts., pt. 20 cts., qt. 35 cts., by freight, pk. $1.00, bu. $3.50.

NEW ERA. The earliest variety and the best for growing in the northern states, it has matured in 60 days and has done well as far north as Minnesota. Per pkt. 5 cts., pt. 20 cts., qt. 35 cts., by freight, pk. $1.00, bu. $3.50.

RAPE

Dwarf Essex

This plant is extensively grown in Europe and Canada for forage, especially for sheep, and for green manure, for which purposes there is perhaps no plant better adapted where a quick, rank growth is desired. Farmers who raise much stock and desire to get young cattle, sheep or lambs into favorable condition to be sold advantageously in the fall, can do it most cheaply by growing this rape. Prepare the ground as for turnips, sow in May to July, with a turnip drill, in rows two and one-half feet apart, at the rate of two and one-half pounds of seed per acre, or may be sown broadcast at the rate of five pounds per acre. It is also well adapted for a catch crop, where crops have failed, as it makes most of its growth late in the season. Can be sown on stubble land or in corn at the last plowing. Per ¼ lb. 10 cts., lb. 25 cts., 3 lbs. 65 cts., not prepaid, 5 lbs. 50 cts., 10 lbs. 80 cts., 25 lbs. $1.75, 100 lbs. $7.00.

KAFFIR CORN

An excellent fodder plant for the farmer. The heads are long and perfectly erect, well filled with white grain. The average height of growth on good strong land is five to six feet. The seed heads grow from ten to twelve inches in length, and the produc of grain on good land easily reaches fifty to sixty bushels per acre. The whole stock, as well as the blades, cures into excellent fodder. Can be sown broadcast at the rate of ½ bushel per acre, but does best sown in drills three feet apart, using 5 to 6 lbs. of seed per acre. Cover seed an inch deep, sow when weather is settled and ground is warm. Per pkt. 5 cts., ¼ lb. 10 cts., lb. 20 cts., 3 lbs. 50 cts., by freight, pk. 40 cts., bu. $1.25, 2 bu. $2.40.

SUGAR CANE SEED

Early Amber

This popular variety has nearly taken the place of all other sorts. It is the earliest variety, and produces the finest quality of rich, clear amber syrup. It succeeds well both North and South. Culture and time of planting about the same as corn, and may be planted as late as the middle of June. It can be planted in hills, or drilled for the heaviest crop. Cover seed about one inch deep. Two or three pounds of seed are required per acre. Select the thinnest soil and highest part of your farm for sorghum. On this land it is not so likely to fall down in wet seasons, and produces the sweetest and clearest sorghum. Clay soil is preferable.

Select Seed for Sorghum. Per lb. 20 cts., 3 lbs. 50 cts., by express, 10 lbs. 60 cts., 25 lbs. $1.00, 100 lbs. $3.00.

EARLY ORANGE. About 12 days later than the Amber. Grows heavier crop and as desirable for sorghum. Price same as the Amber.

Amber Cane for Fodder

Dairy farmers and stock raisers find this a most valuable fodder plant. It can be used as a pasture crop for cattle, sheep and hogs, during the summer season. As a fodder crop it furnishes an enormous quantity of rich succulent food and it has been found excellent for milk production. It can be sown as late as the middle of July, but during June is the best time to sow, broadcast, 100 lbs. per acre. Have soil fine and mellow and harrow in. Harvest as late as possible, but avoid hard frost for best results, let it dry for a week or 10 days, after which it may be put in shocks weighing from 400 to 500 lbs., and allowed to stand until fed.

Price, 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. $1.40, 100 lbs. $2.50, bags free. SPECIAL RATES ON LARGE QUANTITIES.

SPANISH PEANUTS

A very desirable variety because it is early and a good bearer; the peas hang to the root and can be rapidly gathered. The pea is smaller than the Virginia Peanut, but fills out well. This variety can be grown IN THE NORTH and has yielded abundantly. Plant as soon as the ground becomes warm, from two to three feet apart each way, four or five to the hill, covering two or three inches. The soil should be deep and mellow, and well broken up so as to be ready for planting soon after frost is over. April is a suitable time. They produce 25 to 70 bushels per acre, and are as easily cultivated as corn. Per pkt. 10 cts., pt. 20 cts., qt. 35 cts.

SUNFLOWER SEED

MAMMOTH RUSSIAN. Sunflower seed is the best egg-producing food known for poultry; they eat it greedily, keeping them in fine condition, and fatten well on it. It is also being planted in low ground and around drains as a preventive of malarial fevers. It can be planted on any waste piece of ground from first of May to first of July. Plant in hills 3 feet apart. It takes 4 lbs. of seed to plant one acre. Oz. 5 cts., ¼ lb. 10 cts., lb. 25 cts., by express, 10 lbs. $1.00.

Medium or Common Red Clover

Cole's "Iowa Brand"

High Grade, Recleaned, Pure Clover Seed is One of Our Specialties

For this grade we buy the best and purest Iowa grown seed and then thoroughly reclean it, so it will be the plumpest, brightest and cleanest seed to be had.

We make a specialty of shipping direct to the farmer and our seed has become widely known for its purity, strong vitality, vigorous and healthy growth, and entirely free from foul weeds.

Many fields are filled with noxious weeds from sowing impure clover and timothy seed, but farmers are getting more particular and demand pure seed. You run no risk in sowing our "IOWA BRAND" Recleaned Seed.

Beware of cheap imported seed as this is generally infected with Thistle, Dodder, Plaintan, Mustard, etc. Insist on American grown Seed, and also on a purity test in buying Clover and Timothy Seed.

Both grades offered by us will meet all requirements of the Iowa Pure Seed Law in purity and vitality, we have identical samples of this Seed tested and analyzed by the U. S. Experiment Station and also the Iowa State Station at Ames.

Write for prices as they change constantly and we cannot make a price that will hold good during the season.

But will always send as much as the money will pay for at market prices.

Cole's "Iowa Brand" Fancy Grade

The purest and best the market affords. Per lb. by mail, 40 cts., 3 lbs. $1.15, about $14.00 per bushel.

Prime Seed

Our second grade, just as pure but not so bright and plump, about $13.00 per bushel.

Cole's "Iowa Brand" Timothy Seed

Iowa Grown High Grade Timothy Seed

Is also one of our specialties to supply direct to the farmers. Our Fancy Grade of Seed is pure, clean, plump and of strong vitality and but little hulled.

Iowa grows more Timothy Seed than any other state. We select the best quality and thoroughly reclean this so it is free from noxious weeds and impurities.

Like with our Clover Seed you run no risk to sow this Seed and will fully meet all requirements of the Iowa Pure Seed Law, as we had both grades tested and analyzed at U. S. and Iowa State Exp. Stations.

Cole's "Iowa Brand" Fancy Grade

The purest and best the market affords. Per lb. 20 cts., 3 lbs. 50 cts., about $2.50 per bushel.

Prime Seed

Just as pure, but not so bright and plump and more hulled. Equal to choice grade as sold by most dealers. Per bushel about $2.25.

Prices subject to change of Market

GRASS SEED

Prices Subject to Change of Market

But purchasers may depend on it, that we always will send as much seed as the money received will pay for.

MEADOW FESCUE OR ENGLISH BLUE GRASS. A valuable grass for pasture. See page 60.

KENTUCKY BLUE GRASS. Also known as June Grass. The best pasture grass for our soil and climate, succeeding finely on our hill lands, and producing the most nourishing food for cattle, retaining its qualities to a late period in winter. If sown by itself for pasture from one to two bushels will be required. Sow early in the spring or during the months of September or October. (14 lbs. per bushel).

FANCY CLEAN BLUE GRASS. Per lb. 35 cts., 3 lbs. $1.00, pk. 60 cts., bu. $2.00.

REDTOP, or HERD GRASS. A valuable permanent grass as a mixture in either meadows, pasture or lawns, growing in almost any soil, moist or dry. It is valuable for low, wet meadows, producing a large return in good hay. Time of sowing and quantity same as Blue Grass. (14 lbs. per bu.). Solid or fancy seed, per lb. 25 cts., 3 lbs. 70 cts., pk. 75 cts., bu. $2.50. Prime seed or chaff, per pk. 50, bu. $1.50.

ORCHARD GRASS, or COCKSFOOT. Is one of the most valuable of all pasture grasses, coming earlier in spring and remaining later in autumn. It grows about 2½ feet high, producing an immense quantity of leaves and foliage. It stands a severe drouth, and will endure considerable shade, and sends up a thick growth very quickly after being cut. Time to sow and quantity same as Blue Grass. (14 lbs. per bu) Per lb. 30 cts., 3 lbs. 75 cts., pk. 60 cts., bu. $2.25.

ENGLISH RYE GRASS. This is a nutritious permanent grass for meadows and pasture. It seems specially adapted for pasture, will endure close cropping, and is of strong successive after growth. Produces an abundance of foliage. It succeeds in almost any soil, but gives best results on good corn land. Sow same as Blue Grass. Per lb. 20 cts., 3 lbs. 50 cts., by freight, pk. 35 cts., bu. (14 lbs.), $1.25, 5 bu. $6.00.

BROMUS INERMIS, or BROME GRASS. Another valuable grass for the dry lands of the west and south. It endures extremes of temperature and resists protracted drouth, succeeding where Alfalfa fails. Poor lands are no discouragement. It grows best in light, sandy loam, but its roots will penetrate the stiffest clays. It is equally good for cutting green, pasturing or cutting into hay, and the dense tough sod it forms is most valuable for holding the banks and ditches and strengthening the turf of sandy soil. Dr. Sewell, of the U. S. Grass Experiment Station, Garden City, Kas., says it is equal to timothy for cattle or horses, and makes as fine a pasture as Blue Grass. Use 20 pounds to the acre, if alone, if with Alfalfa, 15 pounds· they will grow well together. It may be sown in the fall with winter wheat, or in the spring. Cut when first coming into bloom. Per lb. 30 cts., 3 lbs. 75 cts.; by freight or express, bu. $2.00, 50 lbs. $8.00, 100 lbs. $15.00.

CLOVER SEED

Prices Subject to Change of Market

But purchasers may depend on it that we always will send as much as the money received will pay for. Prices by the bushel on application.

MAMMOTH. Resembles Medium, but coarser. Best for pasture and as a fertilizer, but not as desirable for hay. Per lb. 40 cts., 3 lbs. $1.10, about $13.00 bu.

ALSIKE, or SWEDISH. Intermediate between the Red and White Clover, possessing qualities common to both, being productive, sweet, and permanent, has fibrous roots like White Clover. Is valuable for pasture when mixed with other grasses, and is annually growing in favor among farmers. Esteemed highly for bee pasture, and best for sowing in sloughs. Sow six pounds to the acre. Per lb. 40 cts., 3 lbs. $1.15, pk. $4.00, bu. $15.00.

WHITE DUTCH. Grows in a great variety of soils and situations. Indispensable for pastures, lawns and bees. Sow early in spring 4 to 6 pounds per acre. Per lb. 50 cts., 3 lbs. $1.40.

ALFALFA, or LUCERNE. It now seems that Alfalfa is a plant of great value to the North for stock. In the Southwest it has for years been in high repute. If once started, its roots strike so deep that neither frosts nor drouths affect it. It furnishes an enormous quantity of fodder, and can be cut three or four times in a season. Thrives best on light dry soil. Sow in April or May for spring, and in August for fall, at the rate of 15 to 20 lbs. per acre in deep mellow and clean ground. Per lb. 35 cts., 3 lbs. $1.00, pk. $3.00, bu. $11.00.

MILLET

GERMAN, or GOLDEN. Medium early, will grow in any climate or soil; the yield in hay or seed is large. Grows from four to six feet high; seeds golden yellow. For seed sow from May 1st to June 15th; for hay, broadcast, until the last of July. Half bushel will sow an acre. Per lb. 20 cts., 3 lbs. 50 cts., pk. 40 cts., bu. $1.25.

SIBERIAN MILLET. A new variety from Russia, earlier than either German Millet and Hungarian, wonderfully productive, the hay is finer than of other varieties, stalk more elastic and growing about 4 feet high; it is rust proof and being of stooling habit requires less seed. The South Dakota Experiment Station pronounces it the most promising variety yet tested. Price per lb. 20 cts., 3 lbs. 50 cts., by freight, pk. 40 cts., bu. $1.25.

JAPANESE MILLET. Called Billion Dollar Grass. It has proven an enormous yielder in all parts of the country. It is entirely distinct from any other. It will grow 6 to 8 feet high and yield 12 to 15 tons per acre. Cattle and horses eat it greedily, fed green or cured into hay. Sow in May or June broadcast, 12 lbs. or in drills 8 lbs. per acre. Per lb. 25 cts., 3 lbs. 60 cts., by freight, pk. 50 cts., bu. (40 lbs.) $1.50.

HUNGARIAN GRASS. A valuable forage plant. Succeeds well in dry, light soil; withstands the drought remarkably, yielding two to three tons of hay per acre. It is very popular and is used extensively. Cultivate same as Millet. Per lb. 20 cts., 3 lbs. 50 cts., pk. 40 cts., bu. $1.25.

CHOICE SEED POTATOES

With no other seed is the importance of a change more essential than with the Potato. We offer Fancy Grown Stock, well selected, hand picked. No potatoes grown can compare with Northern grown seed either for **vigor, early maturity, increased yield, freedom from disease and long keeping qualities.**

We offer only a few varieties which have become standard sorts and have proven to be the best varieties grown.

We book orders at any time, and fill in rotation just as soon as the weather will permit, except at the risk of purchaser. At prices named we make no charge for bags, boxes, barrels or drayage.

TO AVOID DELAY, when ordering late in the season, it would be well to mention your second choice provided we should be sold out of variety ordered.

At the pound price we send by mail prepaid; at peck and bushel rate, they are sent by freight or express at expense of purchaser.

POUND PRICES: All varieties at 25 cts. per lb., 3 lbs. for 65 cts., postpaid.

EARLY WHITE OHIO

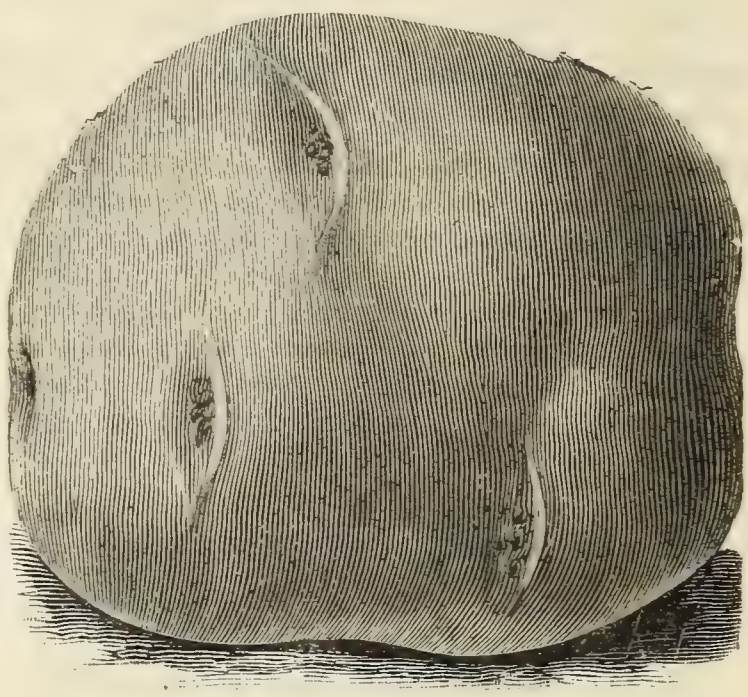
It has become the standard early white potato. There has been nothing to equal it yet for an early white potato. It has given the best of satisfaction the past few seasons in every locality where a white potato is in demand. It is a heavier yielder than the Red Ohio. Its quality and fine texture are superior to many varieties. It is bound to become a popular variety and be the money maker in many localities. Price per pk. 50 cts., bu. $1.50.

EXTRA EARLY OHIO

This standard extra early sort matures about two weeks before the Early Rose. It is widely known and deservedly popular in all parts of the country. It has given better satisfaction over a wider range of country than any other variety. The tubers grow compact in the hill, are easily dug, very few small ones, nearly all being of marketable size. They keep firm till late in spring and by many preferred for eating in winter. This variety is sold by many as Extra Early Six Weeks. Our choice Northern Grown seed is at least ten days earlier than Southern grown stock and will outyield them by far. Experienced gardeners will have no other seed at any price. Per pkt. 40 cts., bu. $1.50, 3 bu. $4.00.

GOLD COIN

Introduced in the east several years ago at an extremely high price. With repeated trails in different states, it has proved one of the hardiest, most vigorous in growth, most productive and one of the best in table quality and to be absolutely unequaled for main crop. The tubers are of good size, slightly oblong and quite thick through, and lie close together in the hill. The skin is thin, smooth and glossy, of a light golden tint. The flesh is fine grained, of a pure pearly whiteness, and cooks dry and floury. Its vigorous growth and great productiveness make it a most profitable variety for the planter, combined with its unequaled table quality will make it a most popular and quick selling variety for market. Price, per pkt. 40 cts., bu. $1.25, 3 bu. $3.50.

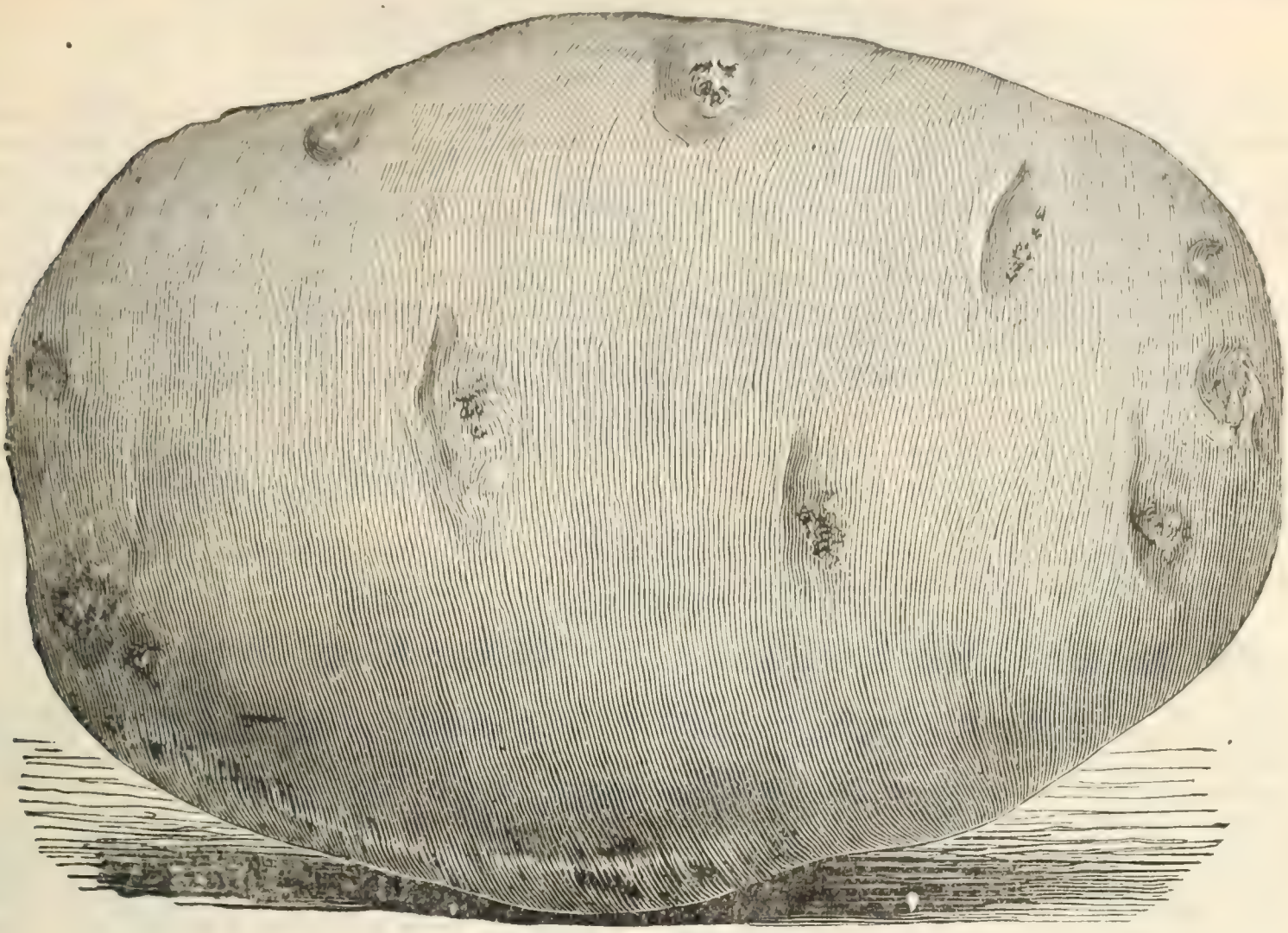


IRISH COBBLER

A chunky white netted early potato of splendid quality. Ripens one week later than the Early Ohio, but has better quality. Form oval, and round, creamy-white and having few eyes, which are quite shallow. Flesh pure white and of the finest quality, not exceeded by any early variety. Keeps perfect until spring. Especially suited to dry climates on account of its deep roots. Its strong growth, earliness, large yield, fine quality, and very handsome appearance, is making it one of the most popular and profitable of the early varieties, for either market or home use. Price, pk. 50 cts., bu. $1.50, 3 bu. $4.00.

MINNESOTA EARLY ROSE

This appears to be an improvement on the old Early Rose, which has been selected and grown on the virgin soil of the far north. It is early, being about two weeks later than the Early Ohio, and much larger. It is oblong in shape, smooth and of a handsome rose color. Quality superb, either baked or boiled, and yields large crops. Keeps sound and fresh till late spring. Price, pk. 40 cts., bu. $1.35, 3 bu. $4.00.



Carman No. 3 Potato

CARMAN NO. 3 POTATO

Grand Main Crop Potato

The fame of this Potato is abroad in the land wherever Editor Carman of the Rural New Yorker is known. Without anv approach to an exception it is the greatest yielder ever introduced. It may fairly be claimed that it does not yield any small tubers at all. It bears its tubers very close to the plant, a single turn of the fork turning out every potato. It is of the largest size and of the shapeliest form, as will be seen from our illustration. It is a perfect keeper, that is, it will not sprout up to planting time, unless kept in a warm place. Both skin and flesh are of extreme whiteness. Eyes few and shallow. Late in ripening. The introducer says our claims for "Carman, No. 3" are: 1st. It is the handsomest large potato ever produced. 2d. It will outyield any other potato whatever. 3d. Practically every potato is a marketable size. 4th. Its table qualities are fully up to the highest standard, it has no hollow hearts and no dark parts. We are confident that it will soon be the most popular variety for field culture, on account of its enormous productiveness and great beauty. Per pk. 40 cts., bu. $1.50, 3 bu. $4.00.

SEED SWEET POTATOES

These we can supply in any quantity to those that want planting stock for sprouting plants. They are generally put in the hot bed from the 10th to 20th of April.

Prices per barrel on application.

TREE SEEDS

CATALPA SPECIOSA HARDY or WESTERN. Catalpa. This tree is popular for timber, as the timber is more durable than any other native tree. It grows readily from seed, is easily transplanted, grows in almost any soil. Plant seed in beds, in mellow soil, about the time of corn planting, in rows two or three feet apart, and eight or twelve inches in the row; transplant when one or two years old, four feet apart both wavs. Per pkt. 5 cts., oz. 15 cats., ¼ lb. 60 cts., lb. $2.00.

RUSSIAN MULBERRY SEED. The tree is a rapid grower and perfectly hardy, and proves as lasting for fence posts as Catalpa or Red Cedar. Also makes a good hedge and windbreak on the prairies. The seed can be sown late in the fall, or very early in the spring. It should be sown in drills 18 inches apart, and kept well shaded, as the seed is slow to germinate. Per pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. $2.25.

HONEY LOCUST. The best of all hedge plants for northern climate, being entirely hardy. Scald the seed with boiling water; let them stand in the water until they get cool, then pour off the water, mix the seed with sand and keep them in a warm room until they begin to sprout; then sow in drills about an inch deep, and transplant the following spring. Set in double rows one foot apart and the plants two feet apart in rows. Per pkt. 5 cts., ¼ lb. 15 cts., lb. 60 cts., 3 lbs. $1.60 by express, 5 lbs. $2.00, 10 lbs. 3.50.

BLACK or YELLOW LOCUST. A very valuable tree for timber, grows very rapidly, while the durabiltiy of its timber is well known, fence posts of it having stood for 60 years. Prepare seed and cultivate the same as above. Per pkt. 5 cts., ¼ lb. 15 cts., lb. 60 cts., 3 lbs. $1.60, by express, 5 lbs. $2.00, 10 lbs. $3.50.

CHOICE SEED CORN

The improved varieties of **Field Corn** we offer are the best now in general use. They were grown especially for seed purposes, and are well matured, cured, hand picked and assorted with great care. We are located in the center of the best corn growing country in the world. We test all varieties before sending out, so there is no doubt as to vitality, and will grow if properly planted and the conditions of weather are favorable.

TO AVOID DELAY when ordering late in the season, it would be well to mention your second choice, or state whether to send a variety adapted to your locality, provided we are sold out of variety ordered. Bags free at price quoted.

NOTICE. Last season was a year of scarcity for good Seed Corn and much scrub stock was planted for the sake of getting a stand.

It behooves farmers to get a start with some pedigree stock to breed from. Our stocks are the best to be had. The crop this season is fine and prices reasonable. Hope to have your order for some good Seed Corn.

The extra early varieties are Northern grown, the other varieties are grown here in Central Iowa. All our Seed is tipped and butted and screened.

PRIDE OF THE NORTH

This corn still retains its popularity as an exceedingly hardy early and prolific variety, always maturing in ninety days; often shelling 62 pounds of grain from 70 pounds of ears. Kernels closely set, large, of deep orange color; cob very small and red. This is, probably, the best Dent corn for general cultivation in the north, and is now largely used in the south and west, as it matures its crop before the hot winds affect it. This corn is not fully appreciated until the large yield and small percentage of cob to corn are carefully noted. Per pkt. 5 cts., pt. 20 cts., qt. 35 cts. By freight or express, pk. 50 cts., bu. $2.00, 2 bu. $3.75.

IOWA GOLD MINE

This variety has everywhere received the most cordial endorsement as one of the best and most profitable varieties. It is early, ripening in about 100 days, ears of good size, color a bright golden yellow; grain is very deep, cob small, and therefore dries out very quickly as soon as ripe. Seventy pounds of ear corn will make about sixty pounds of shelled corn; and in hauling to market it weighs out considerable more to the wagon load than common varieties. This variety, with good weather, will ripen in every part of our state; it is intermediate between the early small-eared sorts and the large-eared varieties. Per pkt. 5 cts., pt. 20 cts., qt. 35 cts., by freight or express, pk. 50 cts., bu. $2.00, 2 bu. $3.75.

Selected ears shipped in bushel bags at $2.50 bu.

"Silver King" White Dent

Silver King Corn originated by H. J. Goddard, in northern Iowa, also the introducer of Pride of the North. By careful and painstaking selection of seed stock this variety has been bred to a high standard and has won many prizes at Fairs and Corn Shows. In appearance it is a beauty. It is a pure White Dent Corn; fine, large ears, and small cob; ears well filled from tip to butt with broad deep grains; rich in oil and starch; short, stiff, stocky stalks, producing from one to two ears; very prolific; there being no barren stalks. Extra early; indeed it is the earliest medium large white dent corn in the world. It matures in about 90 days. So far it has never failed to produce a good crop of No. 1 sound corn for the last few years, even with bad weather in Northern Iowa.

Price by mail, pkt. 5 cts., pt. 25 cts., qt. 40 cts., by freight, pk. 60 cts., bu. $2.25, 2 bu. $4.25.

IOWA SILVER MINE

This variety comes very highly recommended, as being one of the best varieties of white corn, somewhat similar to the Iowa Gold Mine, but has a larger ear. The ears are very even in size, and well filled out at the tip. It is hardy, a great drouth resister. Would advise our customers to give it a trial. Per pkt. 5 cts., pt. 20 cts., qt. 35 cts., pk. 50 cts., bu. $2.25, 2 bu. $4.25.

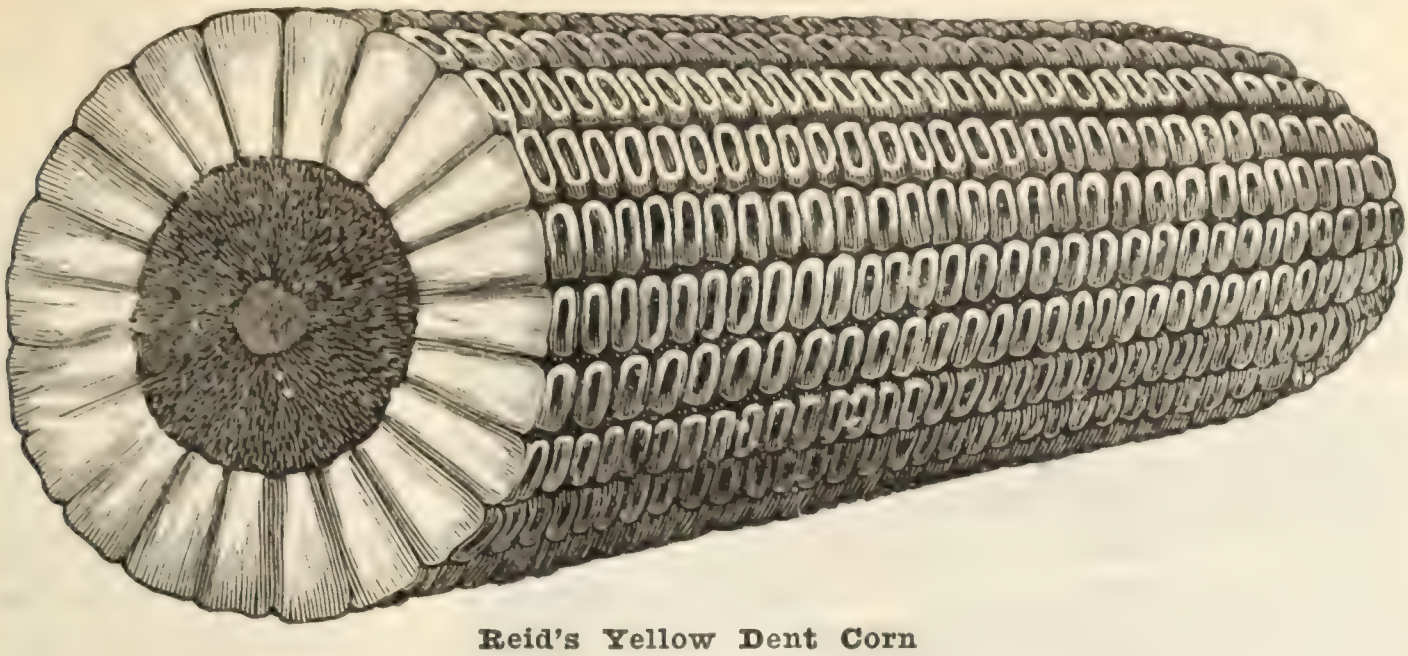
Selected ears shipped in bushel bags at $3.00 bu.

Prosperity Corn

One of the Grandest Varieties Sent Out

This claim is made by our friends of the Iowa Seed Co., the introducers, who describe this variety as follows: For some time past we have realized the need of a yellow corn which would produce a satisfactory crop with less favorable conditions than those required by the Golden West and Reid's Dent, and with confidence we offer this new sort as fully "filling the bill." In our numerous tests on both good and poor land, we have found that while it responds to good soil and cultivation with an immense yield, it will also produce more corn with poor treatment than any other large eared yellow variety under similar conditions. The plant is an ideal one, the stalk being about eight feet high with abundant broad leaves and is so well rooted that it withstands wind storms extra well. It is comparatively free from barren stalks. The large symmetrical ears are borne uniformly at about four feet from the ground, high enough to get the sun and air, low enough to be protected from the wind storms and just right for husking. The shank is long, allowing the ear to droop when maturing, thus shedding the rain instead of holding it in the husk. The ears are very large, 10 to 12 inches long, nearly cylindrical, holding their size well to the end, are well rounded or capped over at both ends. It usually ripens in about 100 days, but has the faculty of maturing quickly in an unfavorable season. It has deep grains, small red cob and well rounded ends. Judge as you will, we are confident it will stand the test and hold its own in a comparison with any other variety. Price, by mail, pkt. 5 cts., pt. 20 cts., qt. 40 cts., by freight, pk. 60 cts., bu. $2.25, 2 bu. $4.25.

Selected ears, shipped in bushel bags at $3.00 bu.



Reid's Yellow Dent Corn

REID'S YELLOW DENT

This is a popular variety in the central west corn district. It has been grown for the last 50 years in Illinois and has taken many prizes at various corn shows and fairs. It has been bred up to a high type of corn. Ear 9 to 10 inches long, 7 inches around, 18 to 24 rows, deep grain with small cob well filled at butt and tip.

Farmers will find this variety to be a long step in advance towards the aim that corn breeders are striving at, an ideal ear of almost perfect shape and size. Everyone that has grown this variety is delighted with it, for its handsome shape of ear and color, small cob and heavy solid grain. We can recommend this variety very highly and have no doubt everyone who plants it will be pleased.

Do not plant Reid's on thin light soils for best results. For this kind of soil the Silver Mine will give better crops. Our Reid's Corn is all grown from pedigree stock. Price by mail, pkt. 5 cts., pt. 20 cts., qt. 35 cts., by freight, pk. 60 cts., bu. $2.25, 2 bu. $4.25.

Selected ears grown from Prize Winning Pedigree Stock at $3.00 bu., shipped in bushel bags.

Regenerated Swedish Select Oats

The Regenerated Swedish Select Oats is considered the best and most valuable variety now grown in this country. It is a re-selection from the Swedish Select, made by the Garton Seed Co., Scientific Breeders of Cereals. They have created a new variety and produced the finest white Oats ever seen in this country. It is heavy and plump, often weighing 40 lbs. per bushel. Owing to its great root development it stands very high for its drought resisting qualities.

At the Wisconsin Experiment Station it has stood at the head of the list for several years. You can just as well increase your oats yield 25 to 50 per cent by growing this variety. The three kernel feature of this Regenerated Swedish Select is one reason for the big yields.

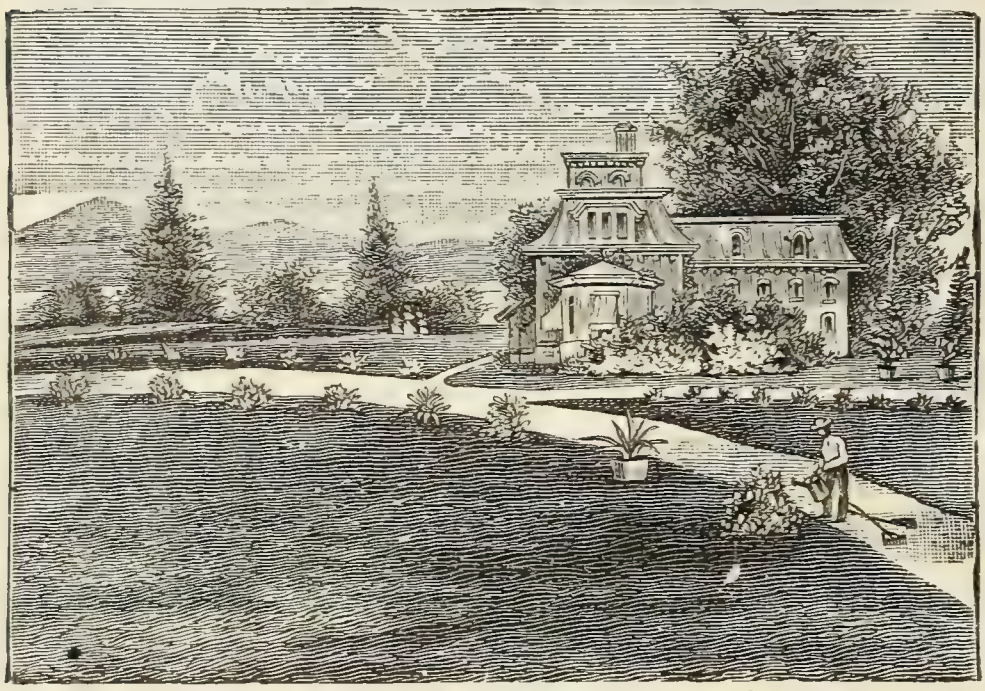
In Canada and our Northern States they grow as high as 100 bushels per acre, but such yields we seldom have in our latitude, but 60 to 80 bushels have been grown of this variety in Iowa.

Our stock is grown here in Iowa from the best stock seed. It is pure and clean, entirely free from weed seed.

Price per pk. 25 cts., bu. 85 cts., 3 bu. lots $2.25, 12 bu. lots $8.50. Bags included.

Cole's Evergreen Lawn Grass Seed

AN EXTRA CHOICE MIXTURE



Lawn View

In making a new lawn, it is desirable that all tree planting and laying out of flower beds should be accomplished first. The ground should then be thoroughly dug or plowed to the depth of 10 to 12 inches, using liberally well-decomposed manure or "fertilizers." It is also essential for a fine lawn to have proper drainage, a careful praparation of the soil, thorough rolling and a selection of the seeds of such grasses as will present a luxuriant verdure from early spring till late in autumn; and the frequent mowings with a lawn mower. However much care is bestowed on the soil and seed, no lawn will be beautiful without frequent mowing and rolling. We have given much thought, and many experiments to secure the best mixture, and think what we offer is the best possible mixture for permanent lawns, resisting the severe droughts of our climate better than any other. It may be sown verey early in spring or fall, and should be sown at the rate of from 3 to 4 bushels per acre. One pound is sufficient to thoroughly sow 800 square feet of ground. It should be borne in mind that, in order to produce the best results, grass seeds for lawns should be sown at least twice as thickly as if sown for hay. Per lb. 40 cts., 3 lbs. $1.15, pk. 80 cts., bu. $3.00.

Meadow Fescue or English Blue-Grass

Hardy and Very Valuable for Pasture. Starts Early in the Spring and Lasts Till Late in the Fall

It grows from 2 to 3 feet high and is one of the earliest, most nutritious and productive of all the grasses. It thrives well on all good soils, makes a perfect sod, and is valuable for permanent pasture. It remains green throughout the summer, when other grasses are all dried up. Sow one to two bushels to the acre. Per lb. 30 cts., 3 lbs. 75 cts, pk 50 cts., bu. (14 lbs.) $1.50.

Teosinte

Reana Luxurians

In this latitude, planted July 3d, it produced from one seed, twenty-seven stalks and attained a height of seven feet by September 10th, making a luxuriant growth of leaves which the horses and cattle ate as freely as young Sugar Corn. In appearance it somewhat resembles Indian Corn, but the leaves are much longer and broader and the stalk contains sweeter sap. In its perfection it produces a great number of shoots 12 feet high, yielding such an abundance of foliage that one plant is sufficient to feed a pair of cattle for a day. In the South it excels either Corn or Sorghum. For soiling or fodder 85 stalks have been grown from one seed. Plant as soon as ground becomes warm, in hills about 3 feet apart each way, two seeds to the hill. Pkt. 5 cts., ¼ lb. 25 cts., lb. 75 cts.

Winter Vetch, Vicia Villosa

The winter cover crop. Also called Sand or Hairy Vetch. This is a hardy legume sown in the Northern States in the Fall; growing well that season and remaining green all winter. It supplies a place in the North that the less hardy Crimson Clover does in the South. As a winter cover crop, it prevents washing or leaching of the soil during winter and enriches the soil. Will grow on all kinds of soil. Exceedingly nutritious, more so than clover; may be fed to all stock. Earliest for cutting and a full crop may be taken off before planting spring crops. Sow ½ bushel per acre. Per lb. 35 cts., 3 lbs. 90 cts., postpaid; pk. $2.00, bu. $7.50.

Sweet or Bokhara Clover

This Clover is especially adapted for bee pasture, and whoever keeps bees should not fail to put in at least half an acre. The last few years farmers have been experimenting with it and they find it is a great soil improver and fine for stock when young and tender, almost as valuable as alfalfa and much easier to grow. It is worth while to experiment with a small lot. Sow 10 lbs. per acre in spring. Per lb. 35 cts., 3 lbs. 90 cts., by mail; pk. $3.00, bu. $11.00.

FLOWER SEED

In the following list we describe, arranged alphabetically, all the flower seeds we have in stock with the exception of a few novelties. We do not offer so extensive a list as many of our brother Seedsmen do, but our assortment contains the **Cream,** and only varieties of **Real Value**, and those best adapted to our climate and worthy of general culture by the amateur. There is much offered to the public that is only valuable in a botanical collection, and will not please the amateur who grows flowers for beauty; and to experiment with high-priced green-house seeds, which takes a professional florist to manage, generally ends in a waste of time and money.

Success makes Flower Culture delightful and we desire all our customers to succeed. And we are confident that our **Flower Seeds** are unquestionably the best and will grow, if properly taken care of and sown at the proper season. We warrant the **Flower Seed** to be fresh, true to name, and of good vitality. Every variety of **Flower Seed** is tested, under our own personal supervision, and we positively throw out all dead seed.

To those that are unacquainted with the different varieties, we can especially recommend the collections offered on second page of cover.

The soil best adapted to most flowers is light, rich loam, containing enough sand to make it porous, and never plant any seeds when the ground is wet.

BRIEF DIRECTIONS FOR SOWING, Etc., will be printed on each packet of **Flower Seed,** and by following them any person, without the least experience, will have fair success in the culture of Flowers.

FOR EARLY BLOOM. Flowering soon after the seed is sown, we would recommend Alyssum, Candytuft, Calliopsis, Larkspur, Mignonette, Petunia, Phlox and Double Poppies.

FOR A SHOWY BED. You need nothing better than Balsam, Dianthus, Phlox, Petunia, Portulaca, Pansy and Verbena.

FOR LATE FLOWERS. Nothing can surpass Aster, Ageratum, Adonis, Marigold, Salvia, Dahlia and Zinnia.

ANNUALS

In this department we include not only Annuals that bloom and die the first year, year, but also those Perennials that flower freely the first year from seed. Upon this class of plants the flower garden is dependent for many of the brightest, most showy, and beautiful flowers.

Abutilon (Flowering Maple)

Beautiful plants for greenhouse and window culture, blooming almost continuously; also succeeding well in the open ground in summer. Flowers bell shaped, 1 to 1½ inches across. Fine mixed; 2 feet. Per pkt. 10 cts.

Adonis

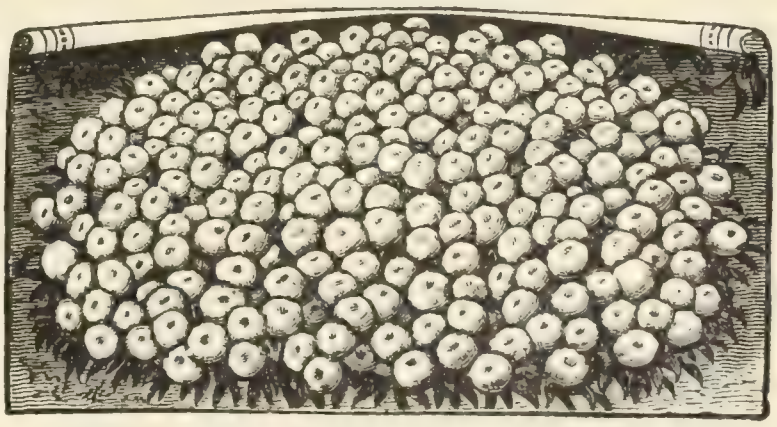
A class of showy, hardy annuals, of easy cultivation, growing about one foot high, with pretty foliage and cup-shaped flowers of an intensely deep blood red color, and of long duration in bloom; sometimes known as "Pheasant's Eye."
AESTIVALIS (Flos Adonis), scarlet; 1 foot. Per pkt. 4 cts.

Ageratum

Valuable plants for large bed or borders, and very useful where cut flowers are in demand; in bloom the whole summer; also good for winter blooming in pots, succeeding in any soil. Indispensable for boquets. Hardy annuals. Fine mixed; 18 in. Per pkt. 4 cts.

Antirrhinum (Snapdragon)

Beautiful spikes of gay-colored flowers, produced abundantly the first summer until after frost, and also flowers well the second season. Should be in every garden. Hardy perennial. Finest mixed, 12 in. Per pkt. 4 cts.



Little Gem Alyssum

Alyssum

Very pretty little plants, with clusters of small white flowers suitable for edging, bed or rock work, and much used for boquets, on account of their delicate, honey-like fragrance. Bloom the whole season, and if sown in September will bloom all winter in the house. The small plants should be dusted with ashes to protect from the black flea. Hardy annual.

SWEET ALYSSUM. 6 in. Per oz. 25 cts., per pkt. 4 cts.

LITTLE GEM. Of very compact, spreading growth. Plants 10 to 15 inches in diameter. They bloom quickly from seed, the plants bearing profusely when quite small. 4 inches. Per pkt. 5 cts.

Aster

It is unnecessary to dwell on the great beauty of these popular favorites, as they are appreciated by every one. Our seed is the finest that France and Germany produce. We recommend our friends to plant a number of varieties, as no other annuals afford so magnificent a display during the summer and fall. Hardy annual.

Dwarf Queen Aster

PEERLESS PINK. See Novelties. Pkt. 10 cts.

VIOLET KING. See Novelties. Pkt. 10 cts.

MIKADO PINK. See Novelties. Per pkt. 10 cts.

HOHENZOLLERN. See Novelties. Per pkt. 10 cts.

DWARF QUEEN. This magnificent new Aster has given excellent satisfaction. The dwarf bushy plants grow only ten inches high branching very freely; the branches are upright, making a dense compact bush excellent for pot culture as well as for bedding. Fine mixed colors. Per pkt. 10 cts.

DWARF QUEEN. Pure white. Per pkt. 5 cts.

DWARF BOUQUET. A most charming class of compact habit, only 6 to 8 inches high. Each plant is covered with handsome flowers, and looks like a boquet set in the ground. Mixed. Per pkt. 5 cts.

DWARF CHRYSANTHEMUM-FLOWERED. Very desirable on account of its large and perfect flowers, great beauty and late blooming; mixed; 10 in. Per pkt. 5 cts.

QUEEN OF THE MARKET. Of graceful spreading habit; its great merit is its early flowering character, being in full bloom fully two weeks before any other Aster begins to blossom; mixed colors; 12 in. Per pkt. 5 cts.

JAPANESE TASSEL. The beautiful flowers of this new strain of Asters offer a most striking contrast with those of any other variety. They are of immense size, with long petals curiously waved and curled, so as to give them a striking resemblance to the Japanese Chrysanthemum. It is a vigorous growing plant, fourteen or fifteen inches high, well branched; mixed colors. Per pkt. 5 cts.

TRUFFAUT'S PEONY-FLOWERED PERFECTION. This class represents the greatest perfection of the Aster family, which for form of flowers, variety and brilliancy of colors and habit of growth is universally admitted to surpass all others; mixed; 18 in. Per pkt. 5 cts.

Giant Comet Aster

NEW GIANT COMET. The plant of this new and very distinct Aster grows 12 to 15 inches high, forming fine regular pyramids, completely covered with large double flowers, much resembling the Japanese Chrysanthemum in shape of flowers, the petals are very long and beautifully curled and twisted, mixed colors. Per pkt. 10 cts.

WHITE BRANCHING. A new variety of American origin, of branching habit, which, for size of bloom, freedom of flowering, and other good qualities, we have never seen equalled. The plants form strong, robust bushes, about 2 feet high, bearing profusely on long, strong stems handsome Chrysanthemum-like flowers, many being over 6 inches in diameter. The form of the flowers makes them perfectly desirable as cut flowers. They come into flower from two to three weeks later than most sorts, filling in the gap between the general run of Asters and Chrysanthemums. Per pkt. 5 cts.

PINK BRANCHING. Similar in growth as the White Branching, of a pure deep pink color, with extra long stems, fine for cut flowers. Per pkt. 5 cts.

BRANCHING MIXED. Similar in habit and growth as the White Branching, but of different colors, such as pink, lavender, crimson, blue and white. Very fine and beautiful; we can recommend this very highly. Per pkt. 5 cts.

FINE MIXED. Embracing a great many varieties and colors. Per pkt. 5 cts.

Arctotis Grandes

AFRICAN LILAC DAISY. A new annual from Africa, growing luxuriantly and forming profusely branched bushes of about 2 to 2½ feet in height and breadth. The leaves are soft and whitish. Its flower heads, borne on long stems and rising well above the foliage, are large and showy, 3 inches across, being pure white on the upper surface, reverse of petals of pale lilac. Under the influence of bright sunlight the flowers spread out almost flat, and the pure white contrasts beautifully to the light blue disk. Per pkt. 5 cts.

Balsams
Lady's Slipper, or Touch-Me-Not

These are old favorites with every one owing to their handsome double flowers, brilliant colors and stately growth. To produce very double flowers, they must be transplanted into rich soil, 15 inches apart, in a sunny position, and frequently watered. Cutting out some of the side branches is also advisable, especially with the strong and bushy growing varieties. Half-hardy annuals.

DOUBLE WHITE PERFECTION. Pure white; continues a long time in blossom. Invaluable for cut flowers during the summer. Per pkt. 5 cts.

CAMELIA-FLOWERED, double; very choice; spotted and variegated with white, mixed. Per pkt. 5 cts.

FINE MIXED. Finest varieties and colors; mixed. Per pkt. 5 cts.

Begonia

Tuberous Rooted Begonias are among the finest flowering plants for pots or for bedding. Flowers outrival in color the most brilliant Geranium, blooming the first season from seed, if sown early. Tubers to be taken up and kept in dry sand during the winter, protected from frost. Tender perennial.

TUBEROUS ROOTED, finest mixed; 18 in. Per pkt. 10 cts.

Brachycome (Swan River Daisy)

Beautiful, free-flowering plants, covered the whole summer with a profusion of pretty flowers; succeeding in any good rich soil. Hardy annuals.

FINE MIXED, Blue and White; 1 ft. Per pkt. 4 cts.

Browallia

Very handsome, profuse blooming plants, covered with rich, beautiful winged flowers during the summer and autumn, growing freely in any rich soil. Blooms finely in winter if sown in August. Half-hardy annual.

ELATA, fine mixed. Per pkt. 4 cts.

Chrysanthemum

A handsome plant, with striking and brilliant flowers blooming till late in autumn, when it is in full glory; producing double and single flowers of various shades; very attractive for bouquets and vases. Sometimes called "Painted Daisies." Hardy annuals.

FINE MIXED, many colors; 18 in. Per pkt. 5 cts.

CHINESE AND JAPANESE LARGE FLOWERING. Finest mixture. The Perennial Chrysanthemums can be grown from seed and make large, vigorous flowering plants by fall. Most of the new and valuable varieties have been secured from sowing the seed. Sow early and cultivate same as those grown from slips. Per pkt. 10 cts.

MAXIMUM PRINCESS HENRY. The finest and most valuable of the hardy Marguerite or Ox-eye daisy. Very floriferous, the plant is of a dwarf globular shape, growing about 18 inches high and very decorative. The flowers open to 4 inches and more in diameter, and give an abundant and very handsome cutting material. It comes true from seed. It is not particular as to soil, coming up every spring in the same beauty for many years. We can especially recommend it, as its pure white flowers surpass all other varieties of the Ox-eye Daisy. Per pkt. 5 cts.

Calliopsis

Calliopsis, or Coreopsis

One of the most showy, free-flowering of hardy annuals; its graceful and showy flowers, embracing nearly every shade of yellow, orange and rich brown, verging to crimson, and borne on slender stems, are particularly well adapted for bouquets.

FINE MIXED, all colors; 1 to 2 ft. Per pkt. 4 cts.

GOLDEN WAVE. Plant very bushy and compact, and covered from July to October with hundreds of beautiful golden blossoms, 2 inches across. Per pkt. 4 cts.

LANCEOLATA (New Golden Coreopsis). One of the most showy hardy perennials grown, two feet high, and bearing in great profusion for a long period during the summer, large flowers of bright, golden yellow. Unequalled for cutting. Grows anywhere. Per pkt. 5 cts.

Canna (Indian Shot)

The Cannas are a stately species of plants, highly ornamental, producing a very rich and oriental effect by their large, broad and massive foliage and crimson, scarlet or orange flowers. Cut or file away some of the hard cuticle around the seed, then soak 12 hours in warm water before planting in hot-bed or box in the house. Take up the roots before hard frost, let dirt adhere, leave out 5 or 6 hours to dry some, then store away on cellar floor with dirt or sand packed around them and do not keep in too dry or damp place.

CROZY'S NEW DWARF. A new class of large flowering Cannas. The foliage is luxuriant and varied in color, and the plants dwarf in habit, averaging not over three to five feet in height. Per pkt. 5 cts.

Candytuft (Iberis)

Among the most useful of perfectly hardy annuals. Will grow in any soil, requires no care, and produce neat clusters of flowers very freely.

NEW GIANT FLOWERING. The size of the individual florets as well as the whole head of bloom is double the size of the old varieties. Several new and exquisite shades and colors are included; they form bushy little plants only 4 to 6 inches high splendid for edgings. Per pkt. 5 cts.

EMPRESS. A beautiful, pure white variety of branching habit, producing trusses of flowers. We can recommend this for a fine bed of early white flowers. Per pkt. 5 cts.

FINE MIXED, including many colors. Per pkt. 4 cts.

Centaurea Corn Bottle)

The Blue Bottle, or Bachelor's Button, is one of the most attractive of all hardy annuals, the graceful beauty of its old-fashioned flowers being universally admired. A hardy annual of the easiest growth, and flowers freely, height two to three feet.

CYANUS, Fl. Pl. A double variety of the well known and popular old Corn Flower or Blue Bottle. A continuous bloomer, of great value as a cut flower. Mixed colors. Per pkt. 3 cts.

NEW IMPERIALIS. New large flowering hybrids, the result of crossing C. Moscata with C. Margaritae. The flowers are borne on long stems in enormous abundance from July until frost. In color they range through the various tints of white, rose, lilac, purple, etc., and are highly fragrant. If cut when partially open they will keep for ten days. For beds or mixed borders they rank with the finest annuals, while as cut flowers they are sure to become popular. Per pkt. 5 cts.

Celosia

CELOSIA. The Celosia or Feathered Cockscomb have feathery plumes of great size and beauty. The plant grows about 3 feet high, of pyramidal form, each branch being tipped with a spike of bloom waving above the foliage. Fine ornamental plants for either pot or outdoor planting. It is of easy culture.

FINEST COLORS MIXED. Pride of Castle Gould Strain, finest Ostrich Plume variety. Per pkt. 5 cts.

Cineraria

A favorite, free-flowering house plant of wondrous beauty, with flowers of great richness and diversity of color blooming during the winter and spring months, and can be planted out in summer. They thrive best in a mixture of loam and peat.

HYBRIDA. Large flowered, finest mixed. Per pkt. 10 cts.

Cockscomb

A class of very magnificent, attractive and showy annuals, producing massive heads of rich shades and colors of great effect in the garden or in pots. Well adapted to our climate, as they will stand drouth well. Half-hardy annuals.

DWARF MIXED. We consider these beautiful dwarf varieties very handsome plants for the flower garden. They grow only 8 to 10 inches high, with beautiful combs of purple, crimson, orange and rose color, with combs much larger than the plants grow in height. Also makes handsome pot plants. Per pkt. 5 cts.

Coleus

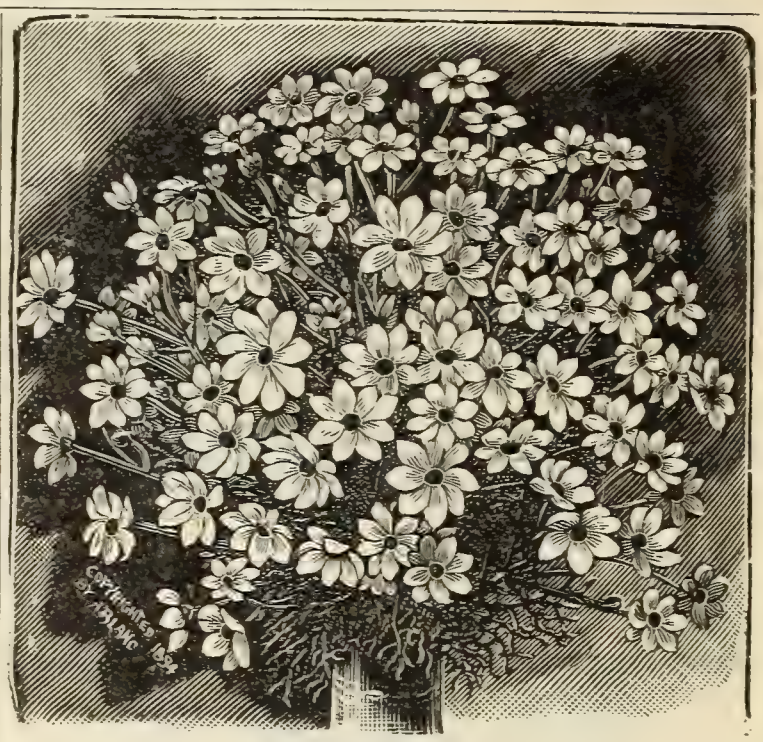
Highly ornamental plants in an endless variety of colors and shadings, indispensable for ribbon and carpet bedding, or as single specimens for pots and vases. Half-hardy perennial.

FINEST HYBRIDS MIXED. 1 to 2 feet. Per pkt. 8 cts.

Cyclamen

Well known and charming bulbous rooted plants with beautiful foliage and handsome fragrant flowers. Universal favorite for the greenhouse or parlor and for winter and spring blooming. If sown early in the spring they make flowering bulbs in one season; they require sandy loam. Half-hardy bulb.

PERSICUM GRANDIFLORUM, finest mixed. Per pkt. 10 cts.



COSMOS

Cosmos are unquestionably very handsome flowering plants, and have become general favorites. There has been one objection to their late flowering habit, but this has been overcome in this new strain of Early Flowering Cosmos. Seed sown in our garden the beginning of May commenced to show a few flowers in July, and during August and September were covered with flowers. The plants are dwarfer than the late flowering Cosmos, forming bushes from 4 to 5 feet high. The plants have fine feathery, light green foliage, flowers are produced on long stems, and are very handsome for cut flowers and bouquets, as they will last a week after cutting. The colors are white, crimson and pink.

EARLY FLOWERING, mixed. Per pkt. 5 cts.

Dahlia

Every one knows and admires the Double Dahlia, but few are aware that it can be grown so easily from seed and flowers the first season, that the purchase of bulbs is a needless expense. The single varieties have become very popular within the last few years. Sow seeds early in April in hot-bed or box in the house, and transplant when all danger of frost is over, in beds 24 inches apart. Take up the roots as soon as frost occurs in fall, and preserve in a dry warm cellar. Half hardy bulbs.

DOUBLE MIXED. Finest varieties; 2 to 4 ft. Per pkt. 5 cts.

NEW TOM THUMB. New single varieties in mixed colors; neat, compact and dwarf habit, growing about one foot in height; very free flowering; invaluable for cutting purposes. Per pkt. 5 cts.

Escholtzia (California Poppy)

Very attractive plants for beds, edgings or masses; profuse flowering and fine cut foliage, in bloom from June till frost; 1 foot. Hardy annuals.

FINE MIXED. Flowers yellow, orange and white; blossoms 2 inches in diameter. Per pkt. 4 cts.

Fuchsia (Lady's Ear Drop)

This is one of the best known, beautiful flowers that we possess, and cannot be equalled for its graceful and elegant appearance, and artistic beauty of its flowers. Easily grown from seed, and requires a shady situation in the garden; the best soil is a rich, sandy loam, and must not become pot-bound before flowering. Green house Shrub.

HYBRIDA. Finest single and double mixed. Per pkt. 10 cts.

Dianthus Plant

Dianthus

The China and Japan Pinks are deservedly very popular, as few flowers can equal them in beauty and profusion of bloom. They bloom continually all summer and fall, until overtaken by severe frost; they live over winter and bloom again the second season. The plants generally grow ten to fifteen inches high, and are of the easiest cultivation. So satisfactory a class of flowers should be grown in large variety in every garden. Hardy biennial.

CHINESIS. (Double Chinese Pink). A splendid mixture, one of the finest varieties; 1 ft. Per pkt. 4 cts.

HEDDEWIGII. (Japan Pink). Flowers very large, 2 to 3 inches in diameter, double and single mixed; 15 in. Per pkt. 4 cts.

DIADEMATUS, fl. pl. (Double Diadem Pink). Splendid large double flowers of dark shades and marked with white and black colors, rich and beautiful. Per pkt. 5 cts.

HEDDEWIGII NOBILIS (Royal Pinks). Selected and improved varieties of the popular Japan Pink, producing flowers nearly four inches in diameter, they are frilled and fringed, giving them a distinct appearance. The flowers grow on long stems, making them very desirable for cut flowers; the colors vary from white to dark red. Per pkt. 5 cts.

FINE MIXED. A mixture of many varieties. Per pkt. 5 cts.

NEW CYCLOP PINK. A new strain of great beauty. The plant grows 12 to 15 inches high; flowers large, round, with broad, over-lapping petals, and produced in great abundance. A clove-like odor adds to their attractiveness. If sown early they bloom the first season, and continue to flourish for several years; mixed colors. Per pkt. 5 cts.

Ice Plant

A handsome and curious plant for hanging baskets, rock work and vases. The leaves and stems appear as though covered with ice crystals. The whole plant is peculiarly brilliant in the sunshine, thriving best in a dry, loamy, or sandy soil, requiring a warm, sunny situation. Half hardy annuals.

CRYSTALLINUM. Flowers white. Per pkt. 4 cts.

Double Daisy

Daisy (Bellis Perennis)

Daisies are easily raised from spring-grown seed, and come into flower in a very short time. Among the most charming spring flowers they are indispensable for cool, shady places. Seed sown in August will make strong plants to carry over the winter with protection and blooms very early in spring. Although saved only from the fine double flowers, the seed produces a few single and semi-doubles. Half hardy perennials.

FINE DOUBLE MIXED; 6 in. Per pkt. 5 cts.

SNOWBALL. Large double white. Per pkt. 5 cts.

Geranium (Pelargonium)

Well-known favorites, used extensively for bedding in masses, ribbons, etc. When sown early, Geraniums will bloom the first year from seed; 1 to 2 feet. Half-hardv perennials.

ZONALE. Fine varieties mixed. Per pkt. 5 cts.

PELARGONIUM. Lady Washington Geranium. Grand plants for pot culture; colors are rich and brilliant. Finest varieties mixed. Per pkt. 15 cts.

Heliotrope

A well-known profuse flowering and deliciously fragrant plant that every one loves. Splendid for bedding or pot culture. Can be easily raised from seed, but should be started early in the house. Half-hardv perennial.

FINE MIXED. Choicest varieties mixed; 18 in. Per pkt. 5 cts.

LEMOINE'S GIANT HYBRIDS. These are grand improvements over the old variety. Distinct in foliage, with mammoth clusters of flowers often measuring ten to twelve inches across, deliciously fragrant, perfuming the air in a whole neighborhood. The colors are from pure white through all the shades of violet and blue. Per pkt. 8 cts.

Hibiscus

This elegant plant is perfectly hardy in any place and is one of the most beautiful hardy flowering plants we have. Each spring the plants send up numerous branches, which form well established roots; grow to a height of five to six feet. The flowers are large as a saucer, very attractive and producing in great confusion from July to September. The colors range from pure white to blush and deep pink. This is one of the most beautiful and showy lawn plants of recent introduction.

NEW HYBRIDS. Best mixed, including seed of the New Crimson Eye. Per pkt. 5 cts.

Gaillardia

Gaillardia (Blanket Flower)

One of the most brilliant and dazzling of our garden flowers. Most suitable for bedding, producing large flowers in great abundance throughout the entire summer. Hardy annual.

LORENZIANA. (Double Gaillardia). This is a charming, double variety; and is a splendid bouquet flower; 18 in. Per pkt. 5 cts.

GRANDIFLORA. These are undoubtedly among the choicest of Hardy Perennials; the flowers are large, very numerous, excellent for cutting, and of the most brilliant shades of orange, crimson, scarlet and vermillion, and very often a combination of all these colors in one flower. Many colors, mixed, 2 ft. Per pkt. 5 cts.

Larkspur (Delphinium)

Plants of great beauty, richness and endless variety of colors, with great duration and profusion of bloom and when planted in beds, masses or ribbon are strikingly effective; few plants are so useful for their decorative qualities, either in the garden or when cut for bouquets, etc. Hardy annuals.

DOUBLE DWARF ROCKET. Mixed colors. Per pkt. 4 cts.

DOUBLE FINE MIXED. Many varieties and colors. Per pkt. 5 cts.

Lantana

Very free-flowering plants with brilliant colored flowers constantly changing in hue; fine for either bedding or pot culture. If retained in their pots and plunged where intended to flower they will bloom more profusely.

HYBRIDA. Fine varieties, mixed; 2 ft. Per pkt. 4 cts.

Lupinus

A class of beautiful and free-flowering plants, with long graceful spikes of bloom; colors rich and varied. Many of the varieties are of stately, robust growth, which makes them exceedingly valuable for mixed flowers and shrubbery borders. Hardy annuals.

FINEST MIXED, all colors; 2 ft. Per pkt 4 cts.

Lobelia

A very beautiful class of mostly dwarf-growing plants. Their delicate drooping habit, and the profusion of their charming little flowers render them exceedingly fine for vases, baskets, bedding or edgings. Hardy annuals.

FINE MIXED, all varieties mixed; 6 in. Per pkt. 5 cts.

CRYSTAL PALACE. Blue, the best bedding variety; 6 in. Per pkt. 4 cts.

Matricaria (Feverfew)

Extremely beautiful plants, with handsome light green, lacinated foliage. Grows freely in any garden soil and bears numerous, perfectly double, pure white flowers, one inch in diameter. Hardy annuals.

EXIMIA GRANDIFLORA. Fine for bouquets; 15 in. Per pkt. 5 cts.

Mignonette (Reseda Odorata)

This fragrant little plant is probably the most popular annual grown. If the plants are thinned out they will grow stronger and produce larger spikes of flowers; and can be had during the whole year by sowing at intervals. Hardy annuals.

GOLDEN MACHET. Distinct new variety of the well known Machet Mignonette, being of the same compact and robust habit, but differing from the type by its massive spikes of golden yellow blossoms. Per pkt. 5 cts.

MACHET. The plants are dwarf, of vigorous-pyramidal growth; they grow up numerous stout flower stalks, bearing massive spikes of red flowers. Per pkt. 5 cts.

SWEET-SCENTED (Odorata). The old variety, very fragrant; 1 ft. Per oz. 15 cts., pkt. 3 cts.

MIGNONETTE MIXED. Many varieties. Per pkt. 4 cts.

Marvel of Peru (Mirabillis Jalapa)

The well-known Four O'clock. A handsome free-flowering garden favorite; blooming the first season from seed; the flowers, which are produced in clusters, present a gorgeous sight during the afternoon. Hardy annuals.

MIXED. Beautiful colors; 2 ft. Per pkt. 4 cts.

DWARF VARIEGATED. Leaves light green marbled with yellow; 1 ft. Per pkt. 5 cts.

Mimulus (Monkey Flower)

Among the gayest ornaments for flower gardens, hanging baskets, and for culture in the house, not many plants will give more satisfaction. The seed is very fine and care must be taken in sowing, shading and applying moisture till well rooted. Half hardy perennials.

TIGRINUS. Finest hybrid mixed; 9 in. per pkt. 5 cts.

MOSCHATUS (Musk Plant). This fragrant and favorite little plant is much admired on account of the musky odor of the plant. Fine for pots; 6 in. Per pkt. 5 cts.

Nigella (Love in a Mist)

A popular, old fashioned flower, free-flowering, with finely cut foliage surrounding the curious looking flowers and seed pods. Easily grown from seed.

MISS JEKYLL. Gives an abundance of blossoms, of the clearest corn-flower blue. 18 inches. Per pkt. 5 cts.

Tall Double Marigold

Marigold (Tagetes)

A free-flowering plant of easy culture, with double flowers of rich and beautiful colors, producing a splendid effect, whether planted in beds or borders; and continuing in beauty until destroyed by frost. Half-hardy annuals.

ELDORADO. This is the finest type of this showy flower, many plants having 75 to 100 flowers at one time. Per pkt. 5 cts.

AFRICAN MIXED. Best double colors; 2 ft. Per pkt. 4 cts.

DWARF FRENCH. Finest double mixed; 1 ft. Per pkt. 3 cts.

Nemophila (Love Grove)

Of neat, compact habit; blooming freely all summer if planted in a rather cool, shaded place, and not in too rich soil. Hardy annuals.

MIXED. All varieties and all colors; 2 ft. Per pkt. 4 cts.

Portulaca (Rose Moss)

In brilliancy and beauty of colors, Portulacas are unrivalled. They delight in sunny situations and light soils, where they rapidly carpet the ground, each plant covering a space of about 15 inches in diameter; 6 in. Half hardy annuals.

FINEST SINGLE MIXED, a great variety of colors. Per pkt. 5 cts.

DOUBLE ROSE-FLOWERED MIXED, unsurpassed for brilliancy of color and great beauty. Per pkt. 10 cts.

Double Portulaca

Poppies

Poppy (Papaver)

A showy and easily cultivated annual; with large brilliant colored flowers, growing freely in any garden soil, and producing a fine effect in large clumps or mixed beds. Sow early in the spring where they are to remain, as they will not bear transplanting; 2 ft.

NEW TULIP. A glossy new annual poppy, with a beautifully-shaped, large size flower, four inches across, of a most brilliant dark scarlet. The two outside petals are double the size of the inner ones, and each pair forms by itself a round cup of flower, which nearly resembles a tulip. The flower will stand well for several days, and the plant, therefore, always in full bloom. Per pkt. 5 cts.

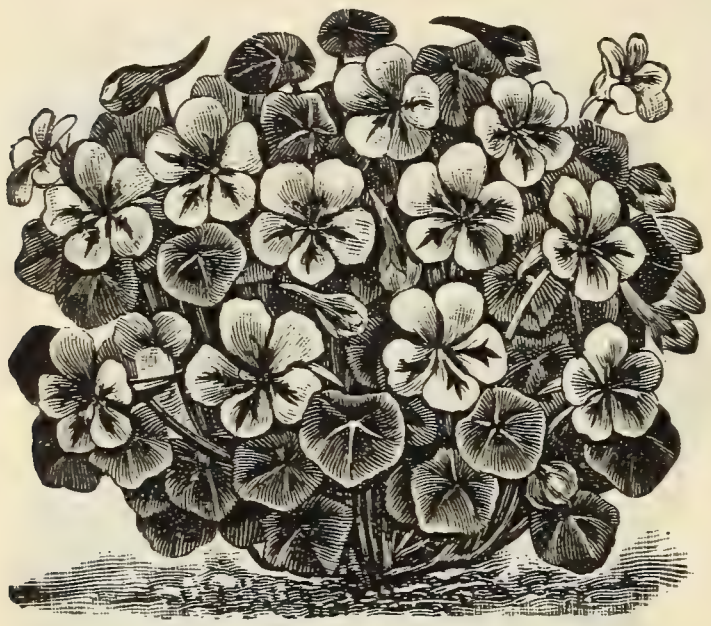
THE SHIRLEY. A new strain of marvelous beauty. Delicate rose, pink, carmine, and brilliant crimson. Many flowers are edged with white, petals have a glassy, silk-like texture. Single mixed. Per pkt. 5 cts.

FINEST MIXED. This mixture contains seed of all the best double and single varieties, including some entirely new ones. Will make a grand display. Per pkt. 5 cts.

Nicotiana

AFFINIS. Of all the varieties of tobacco which are grown for their sweet scented flowers this is the best. The plant is literally covered with large, white, star-shaped flowers, which after being cut, will remain perfect for a week. A few plants will perfume the whole yard or garden. Taken up in the fall, cut back and potted, it will bloom freely all winter. Very easily grown; 2 ft. Per pkt. 4 cts.

SANDERAE. This new hybrid variety of Nicotiana, bears large, brilliant carmine-red flowers on bushy, many branched plants 2 feet high. Plants raised in spring by the same method as any of the hardy annuals will flower early in summer, and will give a continuous display of bloom all the summer, and autumn in the open ground, and will make extraordinary branched specimens. The whole plant is laden with flowers from base to summit—literally ablaze with most handsome carmine-red blossoms, thousands of which are produced on a single plant. It comes true from seed, and will grow and flower in all kinds of soil and situations. It is a plant for the million, and is destined for universal use. Per pkt. 5 cts.



Dwarf Nasturtium

One of our showiest and most popular annuals, forming compact plants, making gorgeous masses of rich colored and brilliant flowers, blooming in succession all through the season; they should be grown in rather poor soil. Half-hardy annuals.

DWARF CHAMELEON. This strain is very dwarf, and as a bedding plant is unrivaled. The flowers are carried well above the foliage. Per oz. 20 cts., pkt. 5 cts.

NEW LILLIPUT. A distinct new class. This sort contains all the rich velvety and soft color variations of the Nasturtium family. Per pkt. 5 cts.

New Queen Variegated

After years of selecting, a fine variegated leaved type of this popular annual has at last been fixed. No two leaves are alike. The variegated foliage combined with the different colored flowers make a showy and effective contrast never before obtained in Nasturtiums. They form dwarf dense bushes. Mixed colors. Price per pkt. 5 cts.

FINEST MIXED. Many varieties and colors per oz. 10 cts., pkt. 5 cts.

Tall Nasturtium

The Tropaeolum Majus, or Tall Nasturtiums, are among the easiest grown and prettiest of climbers. They bear hot, dry weather very well, and thrive on poor soil. Very free bloomers and the green seed pods make excellent pickles; 10 ft. Hardy annuals.

FINEST MIXED TALL NASTURTIUM. Many bright colors. Per oz. 10 cts., pkt. 4 cts.

QUEEN WILHELMINA. This fine new variety has variegated leaves. The flowers are brilliant scarlet. Per pkt. 5 cts.

Madame Gunther's Hybrids

These new Hybrids of Madame Gunther flower earlier and are covered from spring to fall with large, substantial flowers of the most brilliant shades. They are remarkable for their wide range of colors, embracing rose, pink, salmon, purple, velvety dark maroon, light yellow and deep orange in self colors, as well as striped and blotched in the most fanciful manner. So ornamental is this new strain that it deserves a place in every garden, either for climbing or trailing from vases, over rock-work, etc. Per pkt. 5 cts., oz. 15 cts.

Madam Gunther's Nasturtium

Dwarf Nasturtium

COLE'S SUPERB MIXTURE. Nasturtiums are most admirably adapted to beds and borders. In this Superb Mixture, we have combined all the best Giant Flowering and named sorts, and it will give a large variety of colors and when in full bloom are gorgeous and cannot be surpassed for remarkable brilliancy, richness and the most varied combination of colors ever produced in any other mixture. It cannot fail to give satisfaction to the most critical grower. Per pkt. 10 cts., 2 pkts. 15 cts., oz. 25 cts.

Will send you another order for your most reliable seeds. It always means a splendid garden for us when we order from such a reliable firm as Cole's. I have used your seeds for over 20 years and can speak in the greatest praise for them.—Lewis Baker, Woodbury Co., Iowa.

Shasta Daisy

The Shasta Daisy offered by Mr. Luther Burbank of California, is one of the most marvelous productions in the flower line that has ever been brought to the notice of the flower loving public.

Its first qualification is hardiness; it can be grown out of doors by anybody where it is not cold enough to kill oak trees. They are perennial, blooming better and more abundantly each season, they are not particular as to soil. They bloom for several months, in mild climates nearly all the year. The flowers are extremely large and graceful, averaging about four inches in diameter, with petals of the purest glistening whiteness, and are borne on single long, stiff, wiry stems. The blooms when cut remain fresh for a long time and no other flower can compare with it in usefulness for bouquets. Price per pkt. 10 cts., 3 pkts. 25 cts.

Howard's Star Petunia

The introducer says: By a long course of selection and breeding, our efforts have been successful in developing a strain of petunias that for richness of color, beautiful markings, pleasing form of the flowers, have won the distinction of being the most beautiful petunias in the world.

Their ground color is a dark crimson maroon, with a rich velvety texture, justly pronounced equal to that of the pansy. From the center starts the points of a five rayed star, as shown in the illustration. This star is a very light bluish pink, some almost white, which deepens in color as it reaches the margin and finally blends with the maroon ground color.

The plants are free growers, of medium size, branching freely, and are remarkable prolific bloomers, single plants often having 100 or more fully expanded flowers at a time, size of flowers about 2¼ inches in diameter. Price per pkt. 10 cts., 2 pkts. 15 cts.

Pennissetum Rueppelianum

Purple Fountain Grass

Graceful green foliage and purplish plumes, unequalled as an edging to a bed of Cannas or other tall plants. The plumes are very fine for bouquets mixed with other flowers. Easy of cultivation in any garden soil. Annual, 3 feet. Per pkt. 5 cts.

Pansy (Heartease)

The Pansy is the most popular of all flowers grown from seed. It is everywhere popular, both for the brilliant beauty of its flowers and the long continuation of bloom. By plucking off the flowers as soon as they begin to fade, the succeeding flowers will be much more numerous and of larger size than if they are allowed to go to seed. Pansies delight in a cool, moist situation, partially protected from the hot noon-day sun; in exposed positions in the hot summer weather, the flowers will be smaller. Seed sown in the latter part of August or forepart of September will make strong young plants for early spring blooming. Protect in winter with leaves or evergreen branches. Hardy perennials.

COLE'S SUPERB MIXTURE. See Novelties. Per pkt. 15 cts.

MASTERPIECE. See Novelties. Per pkt. 15 cts.

MADAME PERRET. This new giant variety is something new in Pansies. The color ranges through all the shades of red, from a pink to fine purple, edged with white, while in others it is lined and striped. The plant is strong, the flowers are borne well above the foliage and the blossoms are of extraordinary size, which reach as much as 3 to 3½ inches in diameter. It is a novelty of the finest rank, and one that is sure to be sought after by lovers of pansies. A bed of this variety will attract a great deal of attention. Price per pkt. 15 cts., 2 pkts. 25 cts.

GIANT TRIMARDEAU. A distinct and beautiful Pansy, the flowers are of very large size; some have measured four inches in diameter. Each flower is marked with three large blotches or spots, and stands well above the foliage. The plant will produce the same variety and beautiful shades of color that are found in other classes of this popular plant. Colors are very rich and beautiful. Per pkt. 10 cts.

WHITE OR SNOW QUEEN. Flowers of a delicate, pure satiny white. Per pkt. 5 cts.

FAUST OR KING OF THE BLACKS. Deep coal black, coming constant from seed; a group of this variety presents a fine appearance. Per pkt. 5 cts.

IMPERIAL GERMAN, Extra Choice. Mixed flowers very large, perfect in form, and markings of the richest and most beautiful colors. Per pkt. 8 cts.

FINE MIXED. Fine varieties and colors mixed. Per pkt. 5 cts.

COLLECTION OF PANSIES. One packet each of the above eight varieties, 60 cts. net.

Double and Single Petunias

No class of flowers better repay the care they receive than the Petunias; easily raised from the seed; the richness of color and abundance of rich flowers make them indispensable for bedding plants. Every garden should have a bed of these magnificent flowers, a gay mass of bloom from June to hard frost. Hardy annual.

HYBRIDA MIXED. A fine variety, with large flowers, many are striped and blotched. Per pkt. 5 cts.

FINE MIXED. Best of the older sorts, many colors. Per pkt. 4 cts.

GIANTS OF CALIFORNIA. A gigantic strain of great beauty; flowers often four to five inches across. Most of the flowers are exquisitely ruffled or fringed and of every conceivable shade of crimson, pink, lavender, pure white, and the most grotesque and beautiful combinations; some with charming deep throats of yellow, white, black, green or maroon. Per pkt. 15 cts.

FINEST DOUBLE. The seed we offer is carefully fecundated with the best double flowers. Sure to produce a good percentage of splendid, large double flowers; perfectly magnificent. Per pkt. 15 cts.

Trimardeau Pansy

Phlox—Large Flowering

Phlox—Drummondi

Superb plants, prized for the profusion of their richly colored flowers of many hues, their long duration in bloom, and the grand effect they produce in clumps or masses. We invite particular attention to the Large Flowering as especially fine. Easy of culture; 18 in. Hardy annual.

ALBA. Pure white. Per pkt. 5 cts.

COCCINEA. Brilliant scarlet. Per pkt. 5 cts.

ROSEA. Beautifully rose colored. Per pkt. 5 cts.

FINE MIXED. All varieties and colors. Per pkt. 5 cts.

LARGE FLOWERING EXTRA CHOICE MIXED. The most beautiful of the phloxes. Our mixture contains a large variety of the finest and most brilliant colors. Per pkt. 5 cts.

DOUBLE MIXED. This variety is a profuse bloomer, and of great value for bouquets. They are of recent introduction and are especially desirable for cut flowers, lasting much better than the single sorts. To produce the best results they should be grown in a light soil. About 80 per cent of the seed sown will be double. Per pkt. 8 cts.

STAR OF QUEDLINBURG. A very striking novelty. The center of the petals, five in number, run into a point, thus giving the flowers a regular star-like form. The plant grows about 18 inches high, of compact habit, and bears large umbels of flowers, of many brilliant colors, and the edges of the petals bordered with broad white margins. Per pkt. 5 cts.

Kochia Scoparia

A very ornamental annual plant of rapid growth. Grows from 2 to 3 ft. in height, having a cypress like appearance. The leaves are slender and of a light pea-green color until September, when they change to carmine and blood-red. Its bright autumn coloring makes the bushy plants resemble balls of fire and has given it also the names of "Mexican Fire Plant" or "Burning Bush." Plants do best in a sunny exposure, and set about two feet apart. Per pkt. 5 cts.

Fringed Chinese Primrose

Primula (Chinese Primrose)

A charming and profuse flowering plant and one of the most desirable of house blooming plants, and will richly compensate for the little care they require. They are in almost constant bloom all winter, and if the plants are transferred to a shady border they will bloom nearly all summer. Care should be taken in watering that no water fall on the buds as it causes them to rot. Greenhouse perennial.

CHINESE PRIMROSE. Choice fringed varieties mixed; the seed we offer is saved from one of the finest collections; 6 in. Per pkt. 10 cts.

Ricinus (Castor Oil Bean)

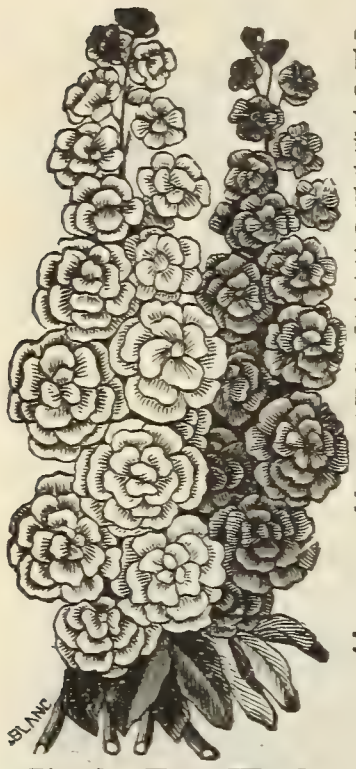
Ornamental plant of stately growth and picturesque foliage, with brilliant-colored fruit, producing a sub-tropical effect; fine for lawns, massing, or center plants for ribbon beds. Half-hardy annuals.

ZANZIBARIENSIS. The largest castor bean in cultivation. An entirely new class from Africa, with leaves often measuring 2 feet across, some of them being light green, others bronze brown. Per pkt. 5 cts.

FINE MIXED. The best and choicest varieties mixed. Per pkt. 4 cts.

I have planted your seeds for a number of years and find them true to name and good in every respect. Recommended them to my neighbors and they are very much pleased with the crop produced from your seeds.—Mrs. Margaret E. Neis, Van Buren Co., Iowa.

Stock, (Ten Weeks)



Stock, Ten Weeks

The Ten Weeks Stock is one of the most popular, beautiful and important of our garden favorites, whether for bedding, massing or pot culture, it is unsurpassed, either for brilliancy or profusion and duration of color, exquisite fragrance, or bloom. For winter blooming in the house sow seed in June. The seed we offer is from a celebrated German stock-grower, from selected pot plants, and will produce more than ¾ fine double flowers. Hardy annual.

DWARF GERMAN. The earliest summer variety; dwarf and free-bloomer; mixed; 15 in. Per pkt. 5 cts.

NEW LARGE FLOWERING. Habit dwarf, with magnificent spikes of very large double flowers in all colors; mixed; 18 in. Per pkt. 8 cts.

VICTORIA BOUQUET. This fine strain is without a rival for open ground planting. Each plant forms in itself a natural grown bouquet, of a beautiful pyramidal shape. The spikes of bloom are very long, and the flowers are large in size and very double; 2 ft. Per pkt. 10 cts.

Salpiglossis

Salpiglossis (Velvet Flower)

Flowers resemebling the petunia in shape and size; but singularly marked and beautifully penciled. Of the easiest culture and such beauty that it deserves a place in every garden. It is very free flowering and makes a grand show for months. Hardy annual.

FINEST MIXED, of all shades and colors; 18 in. Per pkt. 5 cts.

Scabiosa

Scabiosa (Mourning Bride)

A class of popular, showy plants, with elegant fragrant flowers of different colors and shades; their flowers are borne on long stems, making them very suitable for cut flowers or bouquets. Fine for bedding, mixed borders, etc., blooms profusely until frost. Hardy annual.

SNOWBALL. The flowers are large, of purest white and very double. This plant comes quite true from seed and is sure to be liked for vases and bouquets. Per pkt. 4 cts.

DWARF DOUBLE, MIXED. Of compact habit, profusely bearing globe-shaped double flowers of great beauty. Per pkt. 4 cts.

Schizanthus

A splendid class of plants, combining elegance of growth with a profusion of rich and various colored flowers. Fine for the flower garden; easy of culture. Half-hardy annuals.

FINE MIXED, all colors; 2 ft. Per pkt. 3 cts.

Vinca (Periwinkle)

Free blooming plants of great beauty, with shining green foliage and handsome flowers, either adapted for bedding or pot culture for winter blooming. Tender perennial.

FINE MIXED, 2 ft. Per pkt. 4 cts.

I was very much pleased with all the seed I got from you last year. Grew well in spite of the drought.—Mrs. W. S. Usher, Cherokee, Iowa.

CLEMATIS—PANICULATA

One of the most valuable of all hardy flowering vines, of exceedingly rapid growth soon reaching a height of fifteen or twenty feet and spreading out in all directions. Small, pure white flowers, borne in great masses of panicles or clusters on long stems, so profuse as to fairly cover the plant with a sheet of fleecy white. Its blooming period is in August and September, when most other vines have ceased, and it is then a sight to behold. Not its least charm is its delightful Magnolia like fragrance, which fills the air everywhere, even from a single vine, for a long distance. It is as hardy as an oak. Price, small plants 20 cts. each, 3 for 50 cts., strong plants 40 cts. each, 3 for $1.00.

Salvia Bonfire

Salvia (Flowering Sage)

The Salvia is one of the most beautiful of all flowers; the brilliant spikes of the scarlet flowers produce for months a dazzling effect. Of easy culture and fine for massing and bouquets. Half-hardy annual.

New Dwarf, or Bonfire. (Large Flowering scarlet Sage). A splendid new sort blooming much earlier than old variety. The plants are dwarfer and more compact in habit, while the flowers are larger and more numerous and are of the brightest scarlet imaginable, lasting until late in the fall; 2 ft. Per pkt. 10 cts.

Coccinea Splendens. (Small Flowering Scarlet Sage). Spikes of scarlet flowers; 2 ft. Per pkt., 5 cts.

Verbena

A well-known favorite, and is valuable for bedding on account of their low trailing habit, and the dazzling brilliancy of their beautiful flowers; blooms freely the first season from seed, and are more healthy and make larger and hardier plants than if grown from cutting; requires a very rich, mellow soil.

The seeds sprout very unevenly, and some will not be started at the time others must be removed, hence the soil should be disturbed as little as possible. Half-hardy perennials.

Hybrida Compacta, or Tom Thumb. The plants form almost circular bushes of about two feet in diameter, throwing up in a singularly compact manner, on stiff and erect stems, a great number of flowers. The mixture contains a great variety of color. Per pkt. 8 cts.

MAMMOTH, or Large Flowering. Flowers of this Mammoth Variety, when well grown, being frequently larger than a silver quarter. Plant more vigorous than the ordinary variety, and far excel them in dazzling richness and variety of colors. The distinct white eyes adds greatly to their striking and beautiful appearance. Per pkt. 10 cts.

ALBA. Pure white; a desirable variety for florists or for the cemetery. Per pkt. 5 cts.

FINE MIXED. Many colors mixed. Per pkt. 5 cts.

I have other seedsmen's catalogues offering cheap seed, but I know that your seeds are good and will send to you again for more.—J. M. Powell, Monroe County, Iowa.

Tom Thumb Zinnia

Zinnia (Youth and Old Age)

Plants of great beauty, of branching habit, and splendid brilliant colored double flowers, rivaling in beauty and form double Dahlias. Bloom in great profusion and with increased splendor from June until cut by frost; begins to bloom when quite small. Easy of culture; thrives in any good soil. Half-hardy annuals.

DOUBLE CHOICE MIXED. Finest large flowering varieties; 2 ft. Per pkt. 5 cts.

DOUBLE WHITE. Comes true from seed, perfect in shape. Per pkt. 5 cts.

STRIPED ZEBRA. Double flowers, distinctly striped, of perfect shape. The largest per cent are striped, the self-colored are also fine; best mixed. Per pkt. 5 cts.

TOM THUMB. These Dwarf Double Zinnias produce compact dwarf bushes, varying 6 to 12 inches in height and from 6 to 14 inches in diameter, coming mostly true from seed. The little plants are covered with the handsome double flowers of many bright and rich colors. Such dwarf and compact plants attract great attention when grown in beds or borders. Plants are very free flowering, and continue in bloom until destroyed by frost. Per pkt. 5 cts.

We have obtained seeds from your house for over 30 years. Are well pleased with them. They have always grown and give good satisfaction.—Mary E. Coryell, Green Co., Wis.

Tom Thumb Verbena

EVERLASTING FLOWERS

The everlasting flowers are a popular class of plants, with their rich, brilliant colors, are very valuable for winter decoration in connection with ornamental grasses. The flowers generally should be picked before they are fully open and hung up in small bunches (not too large, or they will mildew) in a dry, airy, shady place, with the flowers downward to keep the stems straight.

Acroclinum

One of the most beautiful of the Everlasting family, of easy culture, and bears a great number of bright rose or daisy-like flowers. They should be gathered the first day they are open, or even before they fully open, and dried. Half-hardy annual.

FINE MIXED, double and single; 1 ft. Per pkt. 4 cts.

Ammobium

A desirable white Everlasting, with a pretty flower, pure white, therefore being very useful in making up bouquets in summer or winter. Hardy annual.

ALATUM GRANDIFLORUM. Flowers white, 18 in. Per pkt. 3 cts.

Gomphrena (Globe Amaranth)

This is highly prized for the garden, for it makes a good summer hedge, and is indispensable for winter bouquets. Their flowers should not be cut until fully developed, and of full size, near the end of summer. Half-hardy annual.

FINE MIXED, all colors; 18 in. Per pkt. 4 cts.

Helichrysum

This is a very beautiful and valuable Everlasting; it is very effective in the flower garden, and is indispensable for winter bouquets; flowers large and of bright and striking colors. Will succeed in any soil, and favorites with every one. Cut just before the flowers fully expand. Even the buds are handsome, and make up beautifully. Hardy annuals.

MONSTROSUM MIXED, finest double mixed; 2 ft. Per pkt. 5 cts.

Xeranthemum

A beautiful easy growing annual. Very desirable on account of the abundance and long duration of the flowers. The flowers are produced on long stems and retain their color when dried, making them more valuable for winter bouquets. Hardy annual.

FINE MIXED, all colors; 1 ft. Per pkt. 5 cts.

Mixed Varieties

MIXED EVERLASTINGS. Our own mixture of seed; all the best varieties. A single packet will supply in abundance a great variety of the most attractive Everlasting Flowers. No more welcome present can be given to a visitor when looking through the flower garden than a small bouquet of these imperishable flowers. Per pkt. 5 cts.

Ornamental Grasses

ORNAMENTAL GRASSES

MIXED ANNUAL VARIETIES. All our customers should grow some of these to use with the Everlasting Flowers in making up winter bouquets. They also produce a beautiful and pleasing contrast with flowering plants, and to use for making graceful summer bouquets. They are easily grown in any soil. Grasses require to be cut when they are green before commencing to turn yellow, and strong looking in appearance. Tie in small bunches and dry the same as Everlasting Flowers. Per pkt. 5 cts.

Wild Flower Garden, or Children's Garden

MIXTURE OF CHOICE HARDY FLOWERS. The introduction of these has proved a marked success, and becoming more popular every year. Full of daily surprises, and one who has never seen such a garden cannot form any idea of its possibilities. From the Wild Garden you may get your bouquets, whenever you choose, and thereby save those in beds and borders. Especially adapted for producing a display on large borders, or for sowing along walks or for hiding any unsightly places, fences, stumps, etc., nothing in the way of flowers delighting children more than this Wild Garden, they can be allowed to pick their own bouquets. This mixture can be used to good advantage, with little expense, to fill in odd places by every family. Can be sown in drills two feet apart or broadcast as preferred. Sow thinly, cover lightly and keep the soil from drying until started. Keep weeds out and you will be delighted with the variety of flowers. Per pkt. 5 cts., 6 pkts. 25 cts., oz. 25 cts.

ORNAMENTAL CLIMBERS

The climbers are rapidly increasing in popularity. The strong growing varieties are well adapted to covering arbors, verandas, fences, buildings, etc., and will produce both beauty and shade. Those of finer growth are particularly adapted to hanging baskets, vases and similar purposes. It is absolutely necessary that the proper support be furnished in time to climb upon.

Canary Bird Flower

A most elegant and popular climber; so called from its resemblance to a canary bird with its wings expanded. Blooms all summer. Half-hardy annual.

CANARIENSE; 15 ft. Per pkt. 5 cts.

Clematis

Rapid growing climbers, fine for arbors and verandas; the small varieties flower in clusters, and are very fragrant, and are continually in bloom. Soak the seed in warm water for 24 hours before sowing. Hardy perennials; 15 ft.

PANICULATA. One of the finest. Of robust habit, and covered in late summer with pure white, fragrant flowers, freely produced, completely hiding the foliage. A grand plant for any position where a climber is wanted. Per pkt. 5 cts.

LARGE FLOWERING MIXED. (Jackman's) Very handsome climber, and continually in bloom, flowers large, 3 to 4 inches across, of charming shades of blue, white, lavender, etc.; 10 ft. Per pkt. 10 cts.

Cobea

A magnificent climber, with large, bell-shaped flowers and large elegant leaves; it is of a very rapid growth, and well adapted during summer for warm situations out of doors. Seeds should be placed edge downward when planted. Tender annual.

SCANDENS. Purple flowers; 15 ft. Per pkt. 5 cts.

Cypress Vine (Ipomea Quamoclit)

One of the most poplar and beautiful of climbers, graceful, airy, and finely cut dark-green foliage, and elegant, star-like flowers; 15 ft. Tender annuals.

MIXED VARIETIES. Per pkt. 5 cts.

Dolichos (Hyacinth Bean)

A splendid climber, of quick growth, will in a short time cover with thick, dense and handsome foliage, arbors, trellis or fences. The large spikes of pea-like flowers are abundant, standing well out from the foliage and very pretty. The flowers are succeeded by showy, creamy-white and deep crimson pods.

MIXED COLORS, 10 ft. Per pkt. 5 cts.

Gourds—Ornamental

A class of plants of rapid growth, with luxuriant and ornamental foliage and bearing fruit of the most varied and fantastic forms; very desirable for covering old trees, fences, etc., or may be treated the same as squashes. Tender annuals.

FINE MIXED. Per oz. 25 cts. Per pkt. 5 cts.

Humulus (Japanese Hop)

This handsome climbing vine is very valuable for trellis and high places. The leaves are strikingly variegated and marked; the color is bright, deep green, distinctly marked with silvery white tinged with yellow; a strong grower, not injured by heat or insects.

NEW JAPANESE VARIEGATED; 20 ft. Per pkt. 5 cts.

Morning Glory (Convolvulus Major)

The best known and most popular annual climber we have. The flowers are bright, and produced in great abundance. Seed grows readily and vines are of such rapid growth that it should be largely grown to cover unsightly fences and outhouses. Hardy annual.

FINE MIXED, all colors, 15 ft.; per oz. 10 cts., per pkt. 4 cts.

IMPERIAL JAPANESE. This novelty is a surprise to all for its great beauty, giant flowers and their wonderful coloring, running from snowy-white through all possible shades of blue, and of red from palest pink to darkest reds and purples. The seed is hard or flinty; before sowing treat as follows: Draw a sharp knife across one edge of the seed, just enough to cut through the shell, then soak in luke-warm water long enough to have seed swell to double the size they were when dry. Sow in May in a warm, sunny position, in good, rich soil. and give plenty of water in dry weather. Per pkt. 5 cts.

ROCHESTER. This grand new Blue Morning Glory is remarkable for the large size and new color of the flower. Vines strong, growing quickly 12 to 20 feet high, with magnificent foliage. Flowers four to five inches across, deep violet blue in the throat, blending to an azure-blue, bordered with a wide white band around edge. Per pkt. 5 cts.

Moon Flower

This is one of the most charming and beautiful climbers. The flowers are of immense size and pure white color. This variety is a cross between the white and black seeded varieties, and blooms from four to six weeks earlier than the old varieties. To secure prompt germination of seed, cut off a very small piece from the point (not where germ is). Soak in luke-warm water one night only and plant next day in a warm place; about the middle of May.

NEW CROSS-BRED VARIETY. Per pkt 8 cts.

Passion Flower

A well-known climber of rapid growth, with singular large flowers, well adapted to house culture in winter or for training over porches, or in sunny positions in the open ground. Half-hardy perennial.

COERULEA. Large flowers of violet and blue, 10 ft. Per pkt. 5 cts.

Smilax

A beautiful and graceful perennial climber, with glossy, deep green, wavy, delicate foliage and small white flowers; fine for vases and baskets. Soak seed in warm water 12 hours, plant in pots, and keep in moist, warm place; 5 ft. Per pkt. 5 cts.

Wild Cucumber Vine

A well-known rapid growing annual climber. Quickly covers verandas, trellis, old trees, fences or unsightly places. Grows 30 feet in one season, never suffering from the heat, but retaining its fresh and lively green color; never infested with insects. It has a beautiful leaf and is thickly dotted over with pretty, white, fragrant flowers, followed by ornamental prickly seed pods. A hardy plant, grows readily in all situations. Per oz. 15 cts., per pkt. 5 cts.

PERENNIAL FLOWERS

The hardy Biennials and Perennials outlive the severest winters, giving us each succeeding year a finer display of their beautiful flowers. Some begin to bloom early in spring, others in summer, are all of easy cultivation. Soon after the plants are through blooming, cut the old flower stems within a few inches of the ground, which will present a more tidy appearance, and render the plant more vigorous. Protect during the winter with a covering of straw, leaves or manure.

Arabis Alpina

Arabis Alpina. This plant is a hardy perennial which will thrive in any soil and is particularly adapted to rock work. It grows about six inches high and is one of the earliest flowers to bloom in the spring. The blossoms are white, resembling Sweet Alyssum, deliciously fragrant and so freely produced as to completely cover the plant. It should be in every garden. Per pkt. 5 cts.

Aquilegia (Columbine)

A free-flowering hardy plant. Flowers in the greatest profusion, early in the spring, and growing with such ease and freedom, they ought to be grown by all. Hardy perennial.

FINEST MIXED. All colors; 2 ft. Per pkt. 5 cts.

Carnation Pink

Carnations are great favorites and very magnificent large, beautiful and very fragrant flowers, as perfect in form as the rose. Seeds sown in open ground in May or June will flower splendidly the next season. The plants should be protected by a little straw or a few boughs. Hardy perennial.

GERMAN DOUBLE MIXED. Fine double flowers; best for border culture; 18 in. Per pkt. 8 cts.

DWARF MARGUERITE. This variety blooms in about four months from the time of sowing the seed, and continue to flower until frost. The most beautiful, fragrant double Carnation can now be had in full flower in the open garden the first year by sowing seed early. Also for flowering in the house this new strain is invaluable. Per pkt. 8 cts.

Delphinium (Perennial Larkspur)

Handsome and well known hardy perennials, with splendid flowers and curiously cut leaves; for permanent beds and borders they are indispensable. Easy of culture, succeeding in any deep, rich soil.

FINEST MIXED. Various colors; 3 ft. Per pkt. 4 cts.

Forget-Me-Not (Myosotis)

Charming little plants, very popular, producing their beautiful star-like flowers in great profusion; they grow freely in any soil, but a moist situation is best suited to them. Will flower the first season if sown early. August sown seed will make strong young plants for early spring blooming. Half-hardy perennial.

ALPESTRIS. Mixed colors; 6 in. Per pkt. 5 cts.

Ipomopsis (Standing Cypress)

This is a very beautiful plant, with long, elegant spikes of flowers. The foliage is very fine, like that of the Cypress vine, giving great beauty to the plant, which grows three to four feet high, and keeps in flower for a long time. Hardy biennial.

FINE MIXED; 3 ft. Per pkt. 4 cts.

Lychnis

This is an elegant perennial. It flowers the first year from seed, producing large flowers varying in color from the brightest scarlet to white; free flowering, easy of culture.

HAAGEANA MIXED, all colors; 1 ft. Per pkt. 5 cts.

Canterbury Bells

Canterbury Bells (Campanula)

These have long been among our most ornamental garden plants. Their large, bell-shaped flowers are freely produced. Fine plants for pot culture. As they are biennials, it will be necessary to sow seed every year. Hardy biennials.

DOUBLE AND SINGLE MIXED; 2 ft. Per pkt. 5 cts.

Hollyhock

The Hollyhock, in its present state of perfection is very unlike its parent of olden time; it now ranks with the Dahlias. For a background to a flower garden, perhaps no plant is so useful, the flowers are as double as a rose, of many shades of color. Blooming plants can be raised the first year, by starting the seeds in a box in the house in February or March. Plant out about the first of May; they will bloom in autumn and the second year will also bloom freely. Our seed is saved from choice double flowers only.

DOUBLE MIXED. Extra choice mixed; 5 ft. Per pkt. 5 cts.

Allegheny Fringed

If sown early, blooms the first year from seed. A perpetual bloomer. The flowers are double- semi-double and single and the petals are fringed. The colors are shell pink, rose and red, a shade or two deeper at the center, and exquisitely tinted towards the edge.

MIXED COLORS. Per pkt. 5 cts.

Stokesia

One of the most beautiful of our native hardy plants; grows about 24 inches high, each plant bearing from 20 to 30 handsome lavender blue corn-flower-like blossoms, in bloom from July till frost; most desirable choice hardy border plant and indispensable for cutting.

CYANEA. Lavender blue, 2 ft. Per pkt. 5 cts.

PERENNIALS—Continued

Papaver (Perennial Poppy)

Very hardy, showy and ornamental plants, producing immense flowers and are really desirable for their bright, gay display. Flowers often six inches in diameter.

ORIENTALE. Dark scarlet colors; 3 ft. Per pkt. 5 cts.

Platycodon

Ths is a grand thing, by some called Tuberous Rooted Clematis. One of the best hardy perennial plants with handsome foliage, bearing clusters of beautiful large bell-shaped flowers, of a lovely violet-blue, resembling the Jackmanii Clematis in graceful beauty. Blooms the first year if seed is sown early; continues for a long time. Entirely hardy and becomes finer as it grows older and is sure to give satisfaction.

MARIESI NANA. 15 in. Per pkt. 5 cts.

Pyrethrum

A valuable hardy garden plant of great beauty. By some called "Perennial Cosmos," for the foliage is feathery and of a rich green, while the flowers are shaped like those of the Cosmos, and are as brilliantly colored, white, rose, pink and crimson. It grows two feet high and strong in appearance. Likes a sunny bed, and a deep rich, moist soil. Easy to grow; if started early will bloom the first season. Beautiful flowers for bouquets.

ROSEUM HYBRIDUM. Mixed colors. Per pkt. 5 cts.

Sweet William

Matchless border plants, with heads of bloom of great size and wonderful beauty; should be in every garden. Perfectly hardy and easily raised from seed. Hardy biennial.

DOUBLE MIXED. Finest colors; 18 in. Per pkt. 5 cts.

SINGLE MIXED. Choicest seed; 18 in. Per pkt. 4 cts.

SUMMER FLOWERING BULBS

The Summer flowering Bulbs for spring planting, containing the following list, are inexpensive, very easily grown, and produce some of the most showy and beautiful of all summer and autumn flowers. They require little care, and quickly make a gorgeous display. Tender bulbs cannot safely be sent by mail until April 1. When seeds and bulbs are ordered together, the seeds will be sent at once, and bulbs as soon as danger of frost is over. No less than six will be sent at the dozen rate, and not less than 50 at the 100 rate. Any of the following bulbs are sent free by mail at catalogue prices, except where quoted by the hundred.

Gladioli

We cannot too highly recommend our Mixed Gladioli. They embrace a magnificent variety of beautiful colors. We trust that many of our friends will avail themselves of these low prices to plant largely. Set the bulbs from six to nine inches apart, and about four inches deep. Plant from middle of April to first of June.

AMERICA. This fine new variety in color is a soft lavender pink, very light, almost a tinted white, spikes 2 to 3 feet long, very large spreading blooms, and luxuriant foliage. A favorite for cut flower market. When cut will last in water a week or more. Each 10 cts., 3 for 20 cts., per doz. 75 cts.

PRINCEPS. A superb new Gladioli. This is a hybrid between the rare African Gladiolus Cruentus and a selected Giant Seedling. It is by all odds the handsomest and most robust variety yet produced, with extra large blossoms. The color is rich crimson with broad wide blotches across the flower petal. Each 10 cts., 3 for 25 cts., doz. $1.00.

GROFF'S HYBRID MIXED. Splendid new strain embracing thousands of varieties in the greatest diversity of colors. The size and coloring of many of these sorts are truly marvelous. Each 5 cts., six for 25 cts., doz. 50 cts.

EXTRA FINE MIXED. Embracing a magnificent variety of beautiful colors, very choice; per doz. 35 cts., six 20 cts., three 10 cts., 50 for $1.25, 100 for $2.25.

Tuberose

The Tuberose is a beautiful, pure white, waxlike, sweet-scented double flower, which remains a long time in bloom, and are so fragrant as to perfume the whole atmosphere for some distance around. Start bulbs in pots for early blooming, or plant in open ground after middle of May, twelve inches apart and two or three inches deep.

DWARF PEARL. This variety has large flowers, perfectly double. Each 5 cts., six for 25 cts., per doz. 40 cts.

Herbaceous Paeonies

The Herbaceous Paeonies are exceedingly hardy, and will succeed in any ordinary garden soil, well enriched with good manure. During the summer months mulching will be beneficial to the roots, especially on dry soils. Plant either in spring or fall, about 3 inches deep and 4 feet apart.

DOUBLE RED. Large purplish crimson flowers; each 25 cts., 3 for 65 cts.

DOUBLE WHITE. Large fragrant flowers; each 25 cts., 3 for 65 cts.

DOUBLE PINK. Large pink flowers, each 25 cts.

Hyacinthus Candicans

It can be used with excellent effect in the center of a bed of Gladiolus or other plants. The flowers are bell-shaped and pendulous, pure white in color, and somewhat fragrant. Each 6 cts., 4 for 20 cts., per doz. 50 cts.

Lily of the Valley

A well known and greatly admired fragrant flowering plant. Should be planted in a partially shaded situation. When once planted the crowns increase in numbers and the large ones bloom every year.

Price for roots, 4 for 10 cts, doz. 25 cts., 50 for 90 cts., 100 for $1.75.

Oxalis—Summer Flowering

Valuable for edging walks, flower beds, etc. Bulbs planted 3 inches apart form rounded rows of delicate foliage, about 1 foot high, which produce flowers in endless succession. Plant about first of May, one inch deep. Take up bulbs in the fall and store in dry cellar.

LASIANDRA. Rosy pink. 10 cts. doz.; per 100, 60 cts.

DEIPPA. Rosy white. 10 cts. doz.; per 100, 60 cts.

Maderia Vine

Sometimes called Mignonette Vine. Tuberous rooted climber, with glossy green leaves, of rapid growth, bearing graceful racemes of deliciously fragrant white flowers; very useful for screens, trellis, or for pots in the house. Plant about the middle of May. Each 5 cts., 3 for 10 cts., per doz. 40 cts.

Caladium Esculentum
(Elephant's Ear)

One of the most beautiful and striking of the Ornamental Foliage Plants for planting out on the lawn. When of full grown size it stands about five feet high, with immense leaves, often measuring four feet in length by two and a half in breadth. Plant out in May in rich soil and give abundance of water in dry weather. The roots should be preserved in dry sand in the cellar during the winter, out of reach of frost. Large roots, each 25 cts., small roots 15 cts.

Hardy Lilies

The Lily has been, with eminent propriety, styled the "Queen of Flowers." Their culture is simple, being entirely hardy and admirably adapted to pot culture. Plant in fall or early spring, in good, deep, sandy, loamy soil, where water will not stand, about one foot apart and six to eight inches deep. They should not be disturbed for several years, and protected with a foot deep of leaves or manure in winter.

AURATUM. (Golden Japan Lily.) This is the most beautiful of the Lily family; each 20 cts., three for 50 cts., per doz. $2.00.

SPECIOSUM RUBRUM. White and red spotted. These are among the most beautiful and delightfully fragrant; each 15 cts., two for 25 cts., per doz. $1.50.

SPECIOSUM ALBUM. A lovely pure white Lily, with white petals reflexed, the finest white variety; each 20 cts., three for 50 cts.

TENUIFOLIUM. (Coral Lily.) A native of Siberia. One of the very hardiest Lillies; flower vivid scarlet, with petals reflexed; very showy and free-flowering, blooming early. It is very easy of cultivation, requiring only a well drained sandy soil; ecah 15 cts., 2 for 25 cts.

Tritoma

PFITZERI. Sometimes called Flaming Torch or Red Hot Poker Plant. At floral exhibitions and when sent out as cut flowers to market, it attracts great attention. Grows from 3 to 4 ft. high, the flower measuring 12 to 15 in. long; dazzling scarlet tinged rich orange. Each 15 cts., doz. $1.50.

HOLLAND, OR FALL BULBS

These we have in stock in September and October. They are mostly imported from Holland and arrive in this country during September. October is the best month to plant them and they will give you beautiful flowers in April and May. When other flowers are scarce and so much more they will be appreciated. Orders can be sent in during spring and summer and will be filled as soon as bulbs are received. At prices quoted bulbs are sent by mail, prepaid.

Culture. Fall bulbs can be planted outdoors till ground freezes up. Select a sunny place of rich mellow soil, where water will not stand. Plant Hyacinth and Tulip bulbs from 5 to 6 inches apart and from 4 to 5 inches deep. They can be left in the bed for 2 to 3 years or taken up every summer after tops have died. Cover with manure or leaves after ground freezes up.

Narcissus ought to be planted 10 to 12 inches apart and 6 inches deep; they can be planted in any place and be left in the ground as they increase in beauty every year.

Scilla and Crocus, plant about 3 inches apart and also that deep. Crocus do well planted in the grass.

House Culture. Use the largest bulbs for this purpose, the 4 or 5 inch pots are large enough. Use good rich mellow sandy soil, set bulb deep enough to cover with dirt, give a good soaking and set pots in a cool dark place for 4 to 6 weeks, so bulbs can make a good root growth, water occasionally if dry. When brought into the window they should be kept near the light, but not in full sunshine for any length of time. A cool temperature suits bulbs best.

Hyacinths

DOUBLE SELECT, Separate colors, each 10 cts., doz. $1.00.

DOUBLE MIXED, each 7 cts., doz. 75 cts.

SINGLE SELECT, separate colors, each 10 cts., doz. $1.00.

SINGLE MIXED. each 7 cts., doz. 75 cts.

Tulips

DOUBLE. Early mixed, 3 for 10 cts., doz. 30 cts.

SINGLE. Early mixed, 3 for 10 cts., doz. 30 cts.

Narcissus, or Daffodils

TRUMPET MAJOR. Bright golden yellow petals and trumpets, one of the best for bedding and fine winter flowering, and early and abundant bloomer. Each 5 cts., 6 for 20 cts., doz. 35 cts.

Scilla Siberica

This is one of the hardiest bulbs we have, are very valuable for edging beds or borders. Blue bell-shaped flowers. 4 for 10 cts., doz. 25 cts.

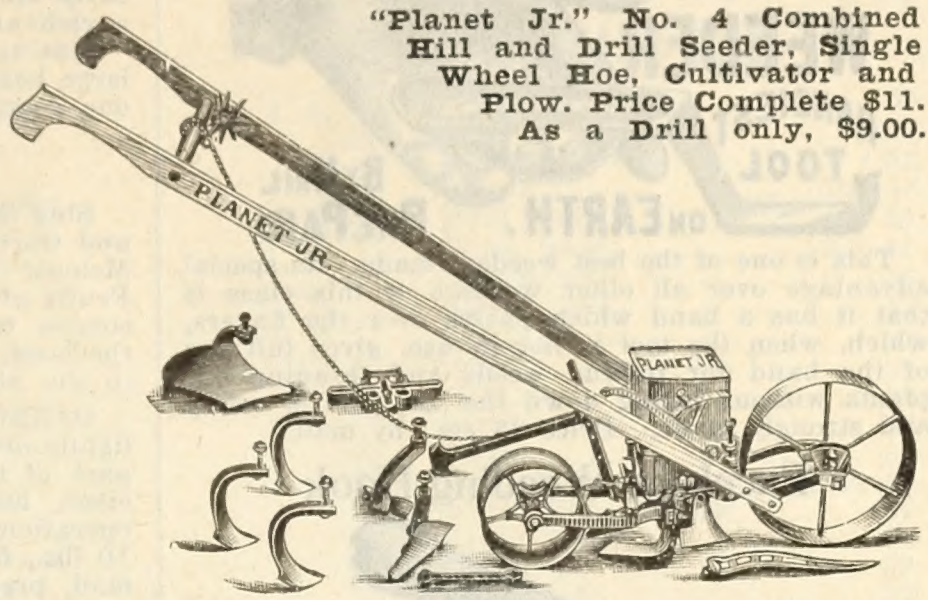
Crocus

MAMMOTH MIXED. The best large flowering. 6 for 10 cts., doz. 15 cts., 2 doz. 25 cts.

"PLANET JR." FARM AND GARDEN TOOLS

Space will not permit our showing and describing all of the "Planet Jr." tools, but we will send a fully illustrated catalogue free for the asking to any who desire it, and we can supply promptly anything ordered. "Planet Jr." goods are standard machines, the best on the market.

This admirable tool combines in a single convenient implement a capital hill dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator and a plow. It holds two quarts, sowing in continuous rows, or dropping in hills at five different distances. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe, garden-plow, or cultivator. It is useful almost every day of the season, at every stage of garden work. With this one implement the small farmer can do practically all the work in his small crops.

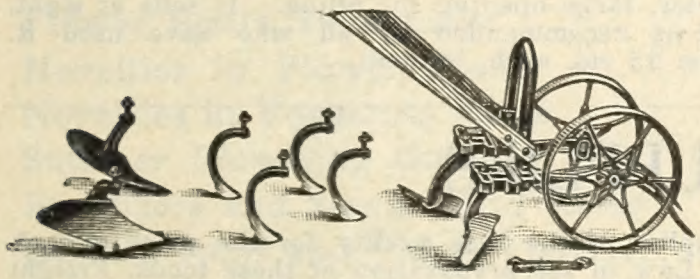


"Planet Jr." No. 4 Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow. Price Complete $11. As a Drill only, $9.00.

"Planet Jr." No. 1 Combined Drill and Hoe

This has long been the most popular combined tool made. As a seed sower it is the same as No. 2 Drill Seeder, but smaller. From a drill it is changed to its other uses by removing two bolts, when hoes, etc., can be quickly attached. It is an excellent seed sower, a first class double or single wheel hoe, an excellent furrower, an admirable wheel cultivator, and a rapid and efficient garden plow. It is a practical, every-day time and labor saver, and a grand remedy for backache.

PRICE $9.50



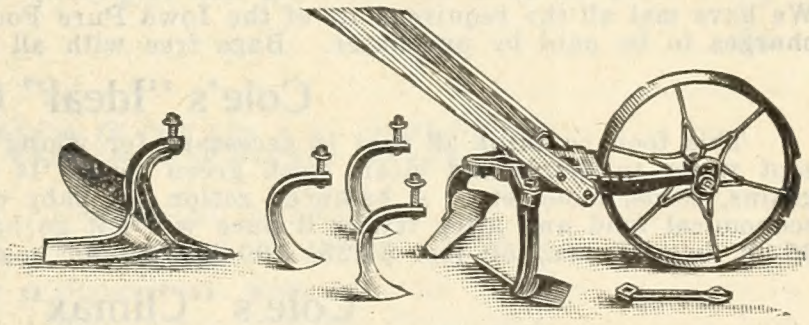
No. 17 Single Wheel Hoe

This latest and best single wheel hoe has a very full set of tools, several of them being of new design, such as has been found to work in the very best manner. It has 11-inch wheel, with broad face; it is very light, strong and easy running.

PRICE $5.00

No. 12 Double Wheel Hoe

This perfect wheel hoe is invaluable for use in all small crops. Its variety of work is almost incredible. Changes and adjustments of the tools are made with the greatest quickness.



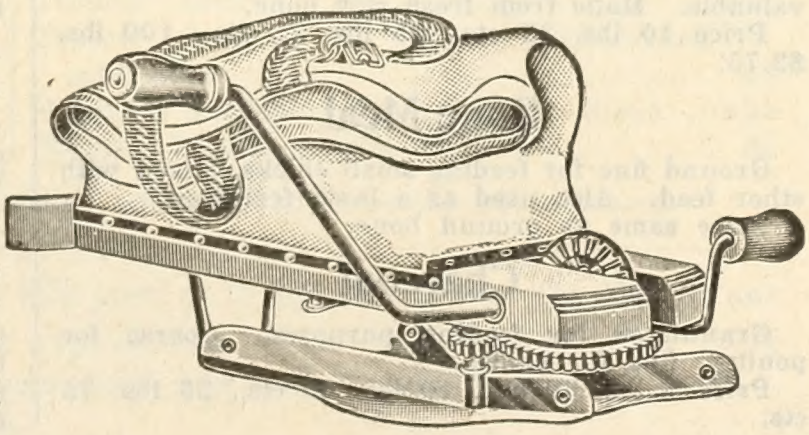
"Planet Jr." Twelve-Tooth Harrow and Cultivator

This tool has rapidly grown into favor with farmers, market gardeners and strawberry growers. It has a high frame and the chisel-shape teeth CUT AN INCH WIDE EACH. It may be set WITH TEETH TRAILING. THE FOOT LEVER PULVERIZER is a capital addition for preparing ground for the seed drill or for plant setting. Hand levers regulate both width and depth WHILE IN MOTION; it contracts to 12 inches, and may be further reduced in width by taking off the outside teeth; it expands to 32 inches. It cultivates deep and without throwing earth upon the plants, and the smooth, roun-throated teeth turn strawberry runners without injuring them. Strawberry Runner Cutter Attachment consisting of a 10-inch flat steel disc mounted on an outrigger, extra. PRICE $1.75.

Price without Pulverizer $7.40. Complete $9.00.

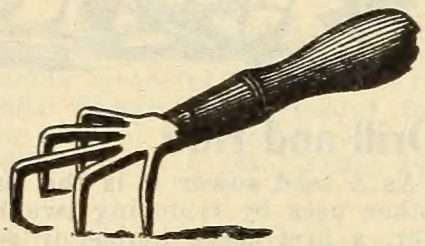
The Sterling Broadcast Seed Sower

It is a marvel in its simplicity, and is strong and rigidly built, having for an under support a steel spring triangular in bearing. The feed-plate and agitating device are made of heavy sheet steel and all adjustments of spring steel. It is also supplied with the recently patented interlock, double-flange, non-solder-joint distributing wheel, which in itself is worth the price of the Sower. The machine is mechanically built, neatly finished and thoroughly practical. Holds one-half bushel of seed. Runs easily and smoothly. It is durable, light in weight, guaranteed to work to perfection, and first-class in every respect. Price, $1.25, by express.



This is one of the best weeders made. Its special advantage over all other weeders of this class is that it has a band which passes over the fingers, which, when the tool is not in use, gives full use of the hand for pulling weeds and thinning out plants without laying down the tool. It is neatly and strongly made. Price 25 cts., by mail.

Excelsior Weeding Hook



This tool can be used to great advantage among small and tender plants. It is warranted to give entire satisfaction when used among rows of seedlings, among ornamental plants, or in any place where absolute freedom from weeds is desired. Price 20 cts., by mail.

Bowker's Plant Food

A Fertilizer made especially for Plants grown in the House, Garden or Conservatory; clean, free from offensive odor, largely soluble in water, and producing healthy plants, free from vermin, and early and abundant blossoms, to which it imparts a rich and brilliant color.

Put up in wooden boxes, with full directions. A large box contains food sufficient for twenty plants one year. Price by mail prepaid, 20 cts.

Hammond's Slug Shot

Slug Shot destroys all insects injurious to House and Garden Plants, Shrub, Trees, Vines, Potatoes, Melons, Cabbages, Currants and Vegetables and Fruits of all kinds. This preparations though poisonous to insects, does not injure the foliage in the least, and acts in some measure as a fertilizer to the plants.

DIRECTIONS FOR USE—Dust the powder lightly over the infected plants, so as to cover every part of them. One application is generally sufficient, but if a new brood appears, repeat the operation at once. Not prepaid, 5 lbs., 30 cts., 10 lbs., 60 cts., 50 lbs., $2.50, 100 lbs., $5.00. By mail, prepaid, lb. 25 cts.. 3 lbs., 70 cts.

"Jumbo" Insect Powder Gun

This is one of the best Bellows for applying Insect Powder to plants and for household use. By its use the powder may be made to penetrate into the most inaccessable places, and all parts of a plant. Made to meet a demand for as large a gun as can be held in the hand, 4 inches in diameter, large opening for filling. It sells at sight, and is recommended by all who have used it. Price 25 cts. each, by mail.

POULTRY SUPPLIES

We carry in stock the following line of poultry supplies of the best quality for the price quoted. We have met all the requirements of the Iowa Pure Food Law in the preparation of these foods. Freight charges to be paid by purchaser. Bags free with all poultry supplies.

Cole's "Ideal" Chick Food

This food contains all that is necessary for young chicks till they are two to three months old, except water to drink and clean fresh green feed. It is a combination of selected, recleaned, cracked grains, seeds, bone, etc. A balanced ration for baby chicks, to be fed dry. You will find it really an economical food and after trying it once will not go back to the old way of feeding chicks. Price per 25 lb. bag 75 cts., 50 lbs. $1.25, 100 lbs. $2.50, bag free.

Cole's "Climax" Poultry Food

Our Poultry Food is composed only of sound, wholesome grains and seeds; it contains about a dozen different ingredients, it has been prepared with a view to furnishing the largest variety of clean grain and seed suitable for laying hens, at the least price; it contains no shell or grit, this can be bought cheaper separate. Price per 25 lb. bag 50 cts., 50 lbs. $1.00, 100 lbs. $1.75, bags free.

Alfalfa Clover Meal

Made from green kiln-dried alfalfa hay. This meal readily mixes with any kind of mash or ground feed and can be fed to young chicks as well as older birds. Valuable as a winter feed when green feed is scarce. Price, 10 lbs. 35 cts., 25 lbs. 60 cts., 100 lbs. $2.00.

Ground Bone

For feeding chickens mixed with other feed, very valuable. Made from fresh raw bone.

Price 10 lbs. 35 cts., 25 lbs. 75 cts., 100 lbs. $2.75.

Bone Meal

Ground fine for feeding small chicks, mixed with other feed. Also used as a lawn fertilizer.

Price same as ground bone.

Charcoal

Granulated for feeding purposes. Coarse for poultry, fine for chicks.

Price 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. 75 cts.

Crushed Clam Shell

Being harder than oyster shell will do for both grit and lime for egg production.

Price 25 lbs. 35 cts., 100 lbs. 75 cts.

Choice Mixed Bird Seed

We prepare our own Bird Seed, all select and recleaned. Far superior to the package seed. Per lb. 10 cts., 3 lbs. 25 cts., 13 lbs. $1.00.

Postage 10 cts. per lb. extra if wanted by mail.

Germozone

Place in the drinking water twice a week. Germozone is both a preventive and cure. A bowel regulator, conditioner, germ destroyer and tonic—unquestionably the world's greatest poultry medicine. In tablet form. Price 50 cts. by mail.

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At the prices above named, the books will be mailed, *postage paid*, on receipt of the money.

As the season was not the best for any crop this year, it is safe to say that the Early June Tomato is the best early Tomato I think have ever grown. It is far ahead of other early varieties, being bigger, earlier, less seed, less sun scald and a continuous bearer till frost.—N. De Boef, Gardener, Mahaska County, Iowa.

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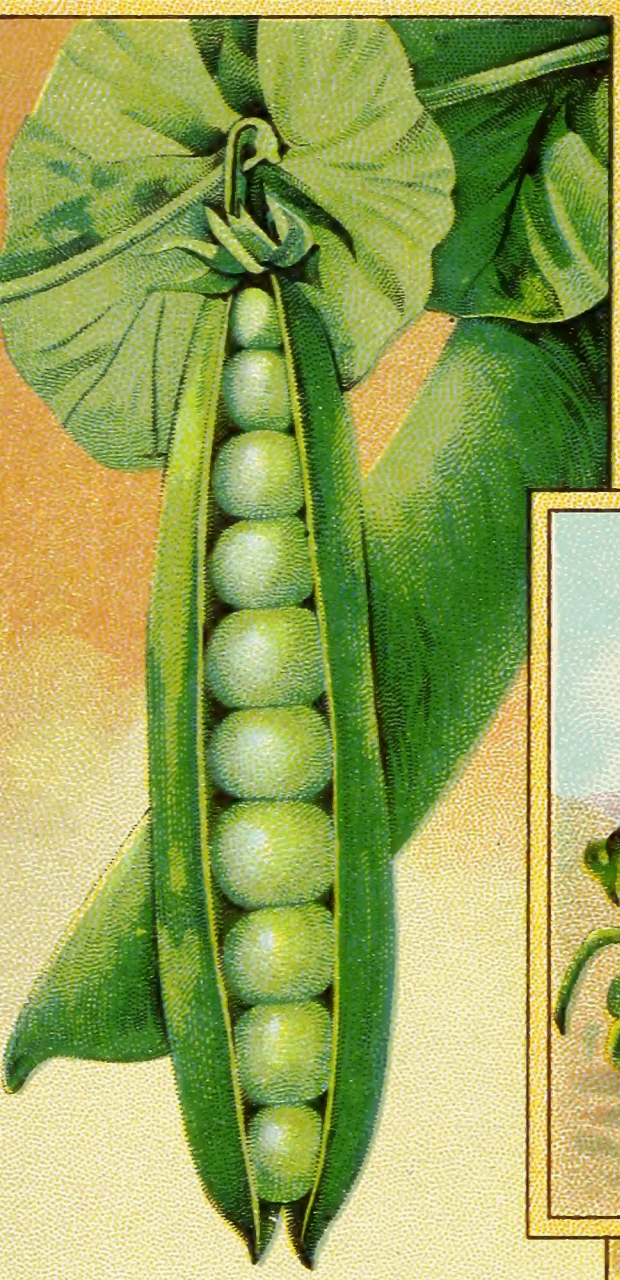

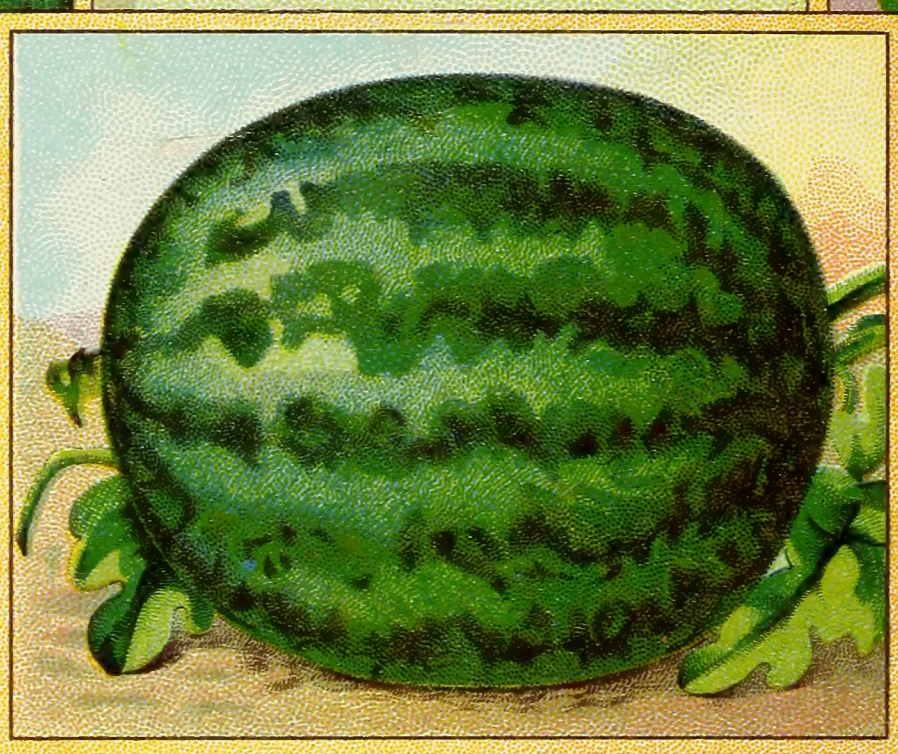

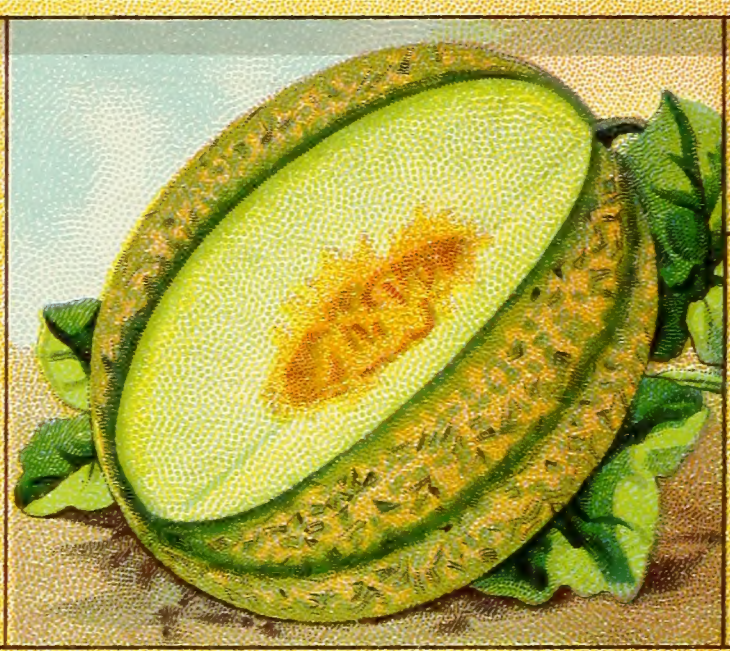

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